



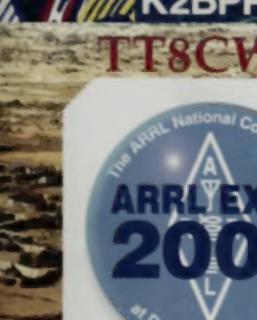
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REPÚBLICA ARABE  
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Dayton Hamvention®  
Sponsored by Dayton Amateur Radio Association  
Bringing hams together from around the world

Hara Arena, Dayton, Ohio

May 20, 21 & 22, 2005

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E41/OK1DTP

A55JL

9U5AV

The Kingdom of Tonga



# THE DAYTON/MONTGOMERY COUNTY CONVENTION & VISITORS BUREAU



## WELCOMES HAMVENTION!



AND, CONGRATULATES DARA ON THEIR 75<sup>TH</sup> ANNIVERSARY



*For information on area attractions, lodging, dining, and activities please call 800-221-8235 or log onto [www.daytoncvb.com](http://www.daytoncvb.com)*



## Welcome!

On behalf of the Dayton Amateur Radio Association and all the Dayton Hamvention® volunteers, it is my sincere pleasure and honor to welcome you to the 2005 Dayton Hamvention®.

This year we are celebrating the Dayton Amateur Radio Association's 75<sup>th</sup> Anniversary and welcoming back the ARRL National Convention. With the addition of these two outstanding events we are confident this year's Hamvention®, will be even better than last year's which was an overwhelming success.

Our return to an "All-Volunteer" show along with our efforts to reduce costs and improve how we operate exceeded all our expectations. The comments we received after the 2004 Hamvention® were just tremendous. In fact many people expressed to us how much better the show ran, how it was friendlier, the busing was the best ever and Hamvention® just had a completely different feeling than they had ever experienced before.

For 2005 virtually the entire team from last year's Hamvention® Committee has returned and will be working extremely hard to make your stay with us an outstanding experience you will never forget. Also, it is my pleasure to report that we have signed a three year agreement for 2005, 2006 and 2007 with Hara Arena. So, you can be confident that we are here to stay, we are not planning to move and you can make plans to attend with confidence.

Thank you for supporting the Dayton Hamvention®. We sincerely appreciate it and hope you find the treasures you are looking for. Remember: If you are looking for that unique item or treasure, you will find it at the Dayton Hamvention®.

The future is bright for the Dayton Hamvention® your one MUST-SEE event.



Gary Des Combes, N8EMO  
General Chairman



Jim Nies, WX8F  
Assistant General Chairman

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## Tickets

Full-price tickets are available at the Hara Arena Box Office (Door #14) and the East Hall (Door #26) during the times shown at the right. A General Admission ticket is required to enter both the Inside Exhibits and the Flea Market Exhibits. The tickets are \$25.00 and valid for all three days. All persons over 12 years of age attending the Hamvention® Inside/Flea Market Exhibits are required to have an admission ticket. Age 12 years and under are FREE.

### Cover

The front cover was created by Jerry Miller, WD8QAI, using QSL Cards that had been collected by Ron Moorefield, W8ILC.

Individual bus tickets for transportation between Salem Mall and Hara Arena will be available at the Salem Mall for \$3.00 day or \$8.00/weekend pass.

### Ticket Sales Hours

Friday, May 20 .....	7:00 A.M. to 6:00 P.M.
Saturday, May 21 .....	7:00 A.M. to 5:00 P.M.
Sunday, May 22 .....	7:00 A.M. to 12:00 NOON

Dayton Amateur Radio Association (DARA) and the Hamvention® fully support and are committed to the objectives of the Americans with Disabilities Act (ADA). DARA and Hamvention® strive to provide equal opportunity to all qualified persons to participate in Hamvention®. Our objective is to provide access to the event and we expect nothing less of those who provide building facilities, exhibits and services to our event.

# Activities & Times

## FRIDAY ACTIVITIES

8:00 A.M. - 6:00 P.M. Flea Market open.  
Scheduled bus service available.  
(Buses are scheduled to pick up passengers to arrive at HARA by 8 A.M.).  
Programs available at all ticket selling points.

9:00 A.M. - 6:00 P.M. Inside Exhibits open, prizes on display, hourly drawings, exams.

9:00 A.M. - 5:00 P.M. Forums program

## SATURDAY ACTIVITIES

8:00 A.M. - 5:00 P.M. Flea Market open. Bus service available.

8:00 A.M. - 5:00 P.M. Inside Exhibits open, exams, scheduled activities.

9:00 A.M. - 3:00 P.M. Hourly prize drawings.

9:00 A.M. - 5:00 P.M. Forums program

## SUNDAY ACTIVITIES

8:00 A.M. - 1:00 P.M. Flea Market open. Bus service available.

8:00 A.M. - 1:00 P.M. Inside Exhibits open, prizes on display.

9:00 A.M. - 12:00 P.M. Hourly prize drawings.

8:30 A.M. - 12:00 P.M. Forums and scheduled activities.

1:00 P.M. Award Winner's Presentation in Hara Arena.

1:00 P.M. Prize Drawing in Hara Arena (Unclaimed hourly prizes followed by main prizes).

### Hamvention® Numbers

Emergency (937) 276-6930

Inside Exhibits (937) 276-6931

Flea Market (937) 276-6932

### Comments Invited!

Comments on your experiences at the Dayton Hamvention® should be addressed to the following:

General Chairman  
Hamvention®  
P.O. Box 964  
Dayton, Ohio 45401-0964

# HAM RADIO

## Europe's No. 1!

30 years International Amateur Radio Exhibition

**24. - 26.06.2005**

Neue Messe Friedrichshafen/Germany  
in association with the 56th DARC Lake Constance Meeting

- 280 exhibitors from more than 40 different countries
- 20,000 visitors
- Meetings, seminars, Hamfest



Deutsche Amateur-Radio-Club e.V.

Fr. to Sat. 9 a.m. - 6 p.m.  
Sun. 9 a.m. - 3 p.m.

[www.hamradio-friedrichshafen.de](http://www.hamradio-friedrichshafen.de)



[www.messe-friedrichshafen.de](http://www.messe-friedrichshafen.de)

COME JOIN US and  
see this most scenic  
region of Germany  
on the shores of Lake  
Constance.



# Services

## BAGGAGE CHECK

Baggage can be checked for \$3.00 per claim check in the Baggage Check room located across the hall from Forum Room 3.(Just inside Conference Center entrance on the left.) All items must be reclaimed by closing time each day. Time extended to 3:00 P.M. on Sunday. No overnight storage is permitted.

## BANKING SERVICES

Local banks are located at Salem Mall. An ATM is located to the right of Hara Arena's front door.

## DARA BOOTH

The DARA Booth is located in the lobby of Hara Arena. DARA memberships and information are available.

## EMERGENCY MEDICAL CARE

On-site Emergency Medical Services are located to the right of Hara Arena's front door. Enter at Door 12. See the Exhibits Map on Page 20.

Emergency care is also available from the following:

Urgent Care Medical Center  
5915 N. Main Street, 278-3826  
8:30 A.M. - 10:00 P.M.

From Hara Arena, take Shiloh Springs east to traffic light at Main St. Turn left to first building on left.

Good Samaritan Hospital  
2222 Philadelphia Dr., 278-2612

From Hara Arena take Wolf Road to Salem Ave. Turn left, proceed to the traffic light at Philadelphia.

## LOST & FOUND

The DARA Booth, located in the Hara Arena Lobby will accept lost items. To retrieve lost items, please go to Hara Arena Box Office.

## MESSAGE CENTER

Leave a message for your friends by entering their call sign and message at the Dara Booth in Hara Arena Lobby. Prize Monitors throughout the arena complex will periodically list "message holding" by call sign.

## LICENSE EXAMS

Technician, General and Amateur Extra Class exams for all pre-registered candidates will be given at Hara Arena on Friday, May 20 at 2:30 P.M. and Saturday, May 21 at 9:30 A.M. & 2:30 P.M. If you have pre-registered, you are required to be at the testing area **no later than fifteen minutes** before the start of the exam. If you are late, your place will be given to a walk-in and you will have to take your chances with the rest of the walk-ins. Reservations are highly recommended; however, walk-ins will be accepted IF room is available.

All attendees must have the following:

1. A copy of your license, if you have a previous license.
2. A copy of your CSCE credit.
3. \$14.00 in exact change please! No checks or credit cards accepted.
4. A completed FCC Form 605.

## SHIPPING SERVICE

The UPS Store offers freight service from the floor of Hamvention, near the North Hall entrance, Door 20. Hours are as follows:

Friday:	9:00 A.M. - 6:00 P.M.
Saturday	8:00 A.M. - 5:00 P.M.
Sunday	8:00 A.M. - 1:00 P.M.

## SPECIAL EVENT STATION

Located in the Flea Market, spaces 101-103. See Flea Market Map 1. They will be operating at the following frequencies:

3.870/3.650; 7.270/7.050; 10.110; 14.270/14.050;  
18.130/18.090; 21.370/21.050; 28.670/28.050;  
147.55 Simplex. All freq's +/- QRM/QRN.

QSL: DARA, W8BI, PO Box 44, Dayton, OH 45401

## TALK-IN FREQUENCIES

For directions and assistance in the Dayton Area during your visit to Hamvention®, contact "Talk-In" on the DARA Repeater 146.94 (-). Dayton Hams also monitor 223.94 (-), and 442.1 (+).

# Transportation & Parking

## PARKING & BUS SERVICE:

Satellite Parking - Salem Mall: Bus Service is provided between Hamvention® and our satellite parking area at Salem Mall. Buses run continuously starting at 7:30 A.M. and make routes as quickly as possible. Due to changing traffic patterns and bus loads, an exact bus schedule is impossible. The fee for bus service is \$3.00 per day or \$8.00 for the weekend, collected on in-bound trips only. Keep your bus ticket as there is no limit on the number of times you may ride the bus per day.

## PAID PARKING:

Hamvention® has no paid parking available at the Arena, but paid parking for \$8 per day, will be available in the lots across from Hara Arena on Wolf Road. Hamvention® has no control over that parking. It is also on grass lots so weather conditions will determine how many spots are available. Some churches and other businesses in the past have offered paid parking near Hamvention®, but we have no information on whether any of those spots will be available this year or what their cost might be. The easiest choice is to park at Salem Mall and ride the bus to the Arena.

## TRUCK & TRAILER PARKING:

Semi-trucks and/or trailers, other over-sized vehicles and large self-contained vehicles can park in designated areas at the Salem Mall. However, overnight camping is not permitted.

## CAMPER PARKING

Campers, trailers, self-contained vehicles, or vehicles that require more than one space can park at the Salem Mall and take the bus to Hara Arena. The fee for bus service is \$3.00 per day or \$8.00 for the weekend, collected on in-bound trips only. No overnight camping is allowed.

Campers and trailers may park or camp at Tall Timbers KOA Campground (1-937-833-3888). Bus service availability had not been determined by program publishing date. Check with the campground.

## TEMPORARY LOADING PASS

A temporary loading pass may only be obtained from the guard at Entrance 1 during the show (see ADA map on Page 6.). This restricted loading pass will be valid for 20 minutes and will allow you to use a designated area to load and unload equipment, or to pick up your exhibitor packet at the Exhibits Office. These passes will be time stamped and must be given to the guard at Exit Number 1 when you leave.



## WHEELCHAIRS & SCOOTERS

Arrangements may be made by contacting ScootAround Inc toll-free at 1-888-441-7575, by email at [info@scootaround.com](mailto:info@scootaround.com), through their website at [www.scootaround.com](http://www.scootaround.com) or by fax at (204) 478-1172. Rental rate is \$160.00 based on a three-day period. Equipment will be available on-site based on availability. Advance reservations are encouraged. To pick up your wheelchair or scooter, please go to Door 26.

## TAXI INFORMATION

Dayton Yellow Cab .....	937-228-1155
Miami Liberty Cab .....	937-222-2822
Checker Cab .....	937-222-4011
A-1 Taxi .....	937-435-4666
Antons .....	937-252-4756
Classic Cab .....	937-434-7433
Harvest Taxi Service.....	937-879-0059
Air City Cab .....	937-252-4444

**Future  
Hamvention®  
Dates**

**May 19, 20 & 21, 2006**

**May 18, 19 & 20, 2007**

# Transportation & Parking (Continued)

## **ADA PARKING**

Hamvention® as you know does not have any public parking immediately at HARA Arena, however, it has been our desire and policy for many, many years to help accommodate those individuals with special needs. We are very sensitive to those needs and have gone well beyond all regulations to secure (at extra cost to Hamvention®) a limited number of spaces for these needs. Unfortunately the demand for ADA/Handicapped parking continues to grow dramatically each year and we simply are unable to accommodate everyone who requests a space.

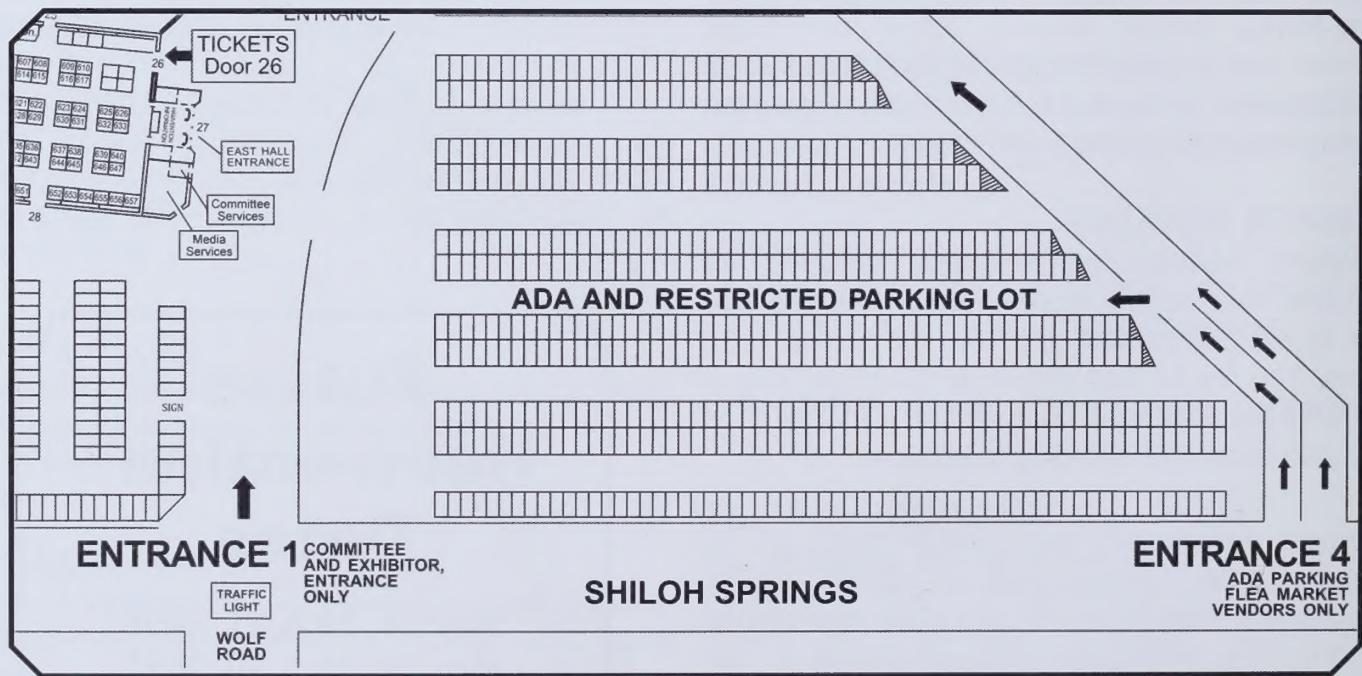
Therefore, as in past years, we require you send in a copy of your State Issued ADA Parking Certificate, along with an SASE and we will process your request in the order in which it is received. Please remember, there are a very limited number of "Reserved" ADA/Handicapped parking spaces available so get your request in early.

Also, "New in 2005" , we have set aside (**twenty**) "Reserved" ADA Parking spaces for those individuals who were unaware of/or choose not to follow our recommendation and register early. Please understand if you choose to wait and just come to the show the probability that you will find no ADA/Handicapped spaces available is extremely high.

Again, we STRONGLY urge you to send in your request early and in advance of the show.

The parking fees remain the same as last year: \$8.00/day per car and \$25.00/day for campers and etc. payable at the gate. (Please note: overnight campers, and etc., are not permitted at Hara Arena.)

***Please note: The buses running from Salem Mall to Hara Arena front entrance are ADA equipped.***



# Welcome

## WELCOME TO THE CITY OF TROTWOOD

From the Office of the Mayor  
The City Of Trotwood, Ohio

Donald K. McLaurin

Dayton's Hamvention

On behalf of the City of Trotwood, I am pleased to welcome members of Hamvention to Trotwood, Ohio.

This event has been taking place at Hara Arena, 1001 Shiloh Springs Road for more than 25+ years. This is one of the premier events in the region and one that our City looks forward to each year.

Trotwood is very proud and pleased to have you in our City again this year. We know that it will be the successful event that you and your members are known for. We know that the entire Greater Dayton region will open their doors to you and extend their most humble and heartfelt hospitality during your stay.

The Trotwood City Council and I extend our very best wishes for another highly successful convention. Enjoy your stay in our region.

Best Wishes,

Donald K. McLaurin  
Mayor



## GREETINGS

Rhine McLin

Mayor of the City of Dayton, Ohio

Dayton's Hamvention

On behalf of the citizens of Dayton, I am pleased to welcome members of Hamvention to Dayton, Ohio.

While we understand your focus during this event is to foster old friendships and develop new relationships, we also hope you will find the time to learn about our city.

As Dayton is home to the Wright Brothers and the "Birthplace of Aviation," it is only natural that our attractions would feature aviation as its heritage. You can learn about the history of flight by visiting the Dayton Aviation Heritage National Historical Park, the Aviation Trail, the United States Air Force Museum and Carillon Park, just to name a few.

I extend my very best wishes for a rewarding and memorable event in 2005 and beyond.

Rhine McLin  
Mayor



MONTGOMERY  
COUNTY

COUNTY COMMISSIONERS  
Charles J. Curran  
Deborah A. Lieberman  
Vicki D. Pege  
CITY ADMINISTRATOR  
Deborah A. Feldman

Greetings:

ALL PARTICIPANTS OF THE  
HAMVENTION  
MAY, 2005

As Commissioners of Montgomery County, we would like to welcome each of you to our region for participation in the Hamvention. We believe the offerings of Dayton and Montgomery County will be enjoyable for you.

As you will discover, this area is rich in heritage, history, culture, and diversity. Our fine museums, attractions, shopping, and dining establishments will undoubtedly prove their outstanding reputations to you during your stay.

While you travel throughout the Dayton region, we believe you will realize the many advantages of selecting this area for your event. We stand ready to support all of your efforts and are certain you will find equal enthusiasm from our entire community.

Again, we welcome you to Dayton/Montgomery County and look forward to your return visit.

Sincerely,

BOARD OF COUNTY COMMISSIONERS  
Montgomery County, Ohio

Charles J. Curran

Deborah A. Lieberman

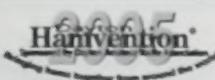
Vicki D. Pege  
Vicki D. Pege, President

birthplace of innovation

## My First Hamvention

If this is your first Dayton Hamvention®, we would like to hear from you! Tell us who you are, how you got into ham radio and how you heard about the Dayton Hamvention®. Then tell us what your expectations were and how it compared with what you actually found. Write a one-page essay, include a picture (not returnable) of yourself and submit before September 30, 2005 to Hamvention, Box 1446, Dayton, Ohio 45401 or e-mail to [wb8ifm@amsat.org](mailto:wb8ifm@amsat.org).

You may win a prize!



# Additional Activities

---

**Thursday, May 19, 2005**

## **AMSAT "PIZZA N' SUDS"**

The Fourth Annual AMSAT "Pizza n' Suds" party will be held again this year at Marion's Piazza at 1320 North Fairfield Rd. The party will begin at 6:30 P.M. and go until the last pizza is gone! Food will be ordered from the menu and drinks (beer, wine, sodas and iced tea) are available at the bar. The party is open to all hams who are interested in amateur satellites. Come on in and make friends with some new hams.

## **CONTEST SUPER SUITE**

From 7 P.M. to 2 A.M., CONTEST SUPER SUITE located in the Miami Room (2nd Floor) at the Crowne Plaza Hotel (downtown). The CONTEST SUPER SUITE will be hosted by North Coast Contesters, The Frankford Radio Club and the Mad River Radio Club. Midnight Pizza parties will be held every night by several contest clubs and others. Contesters and DXers are invited to join us for an evening of great conversation. Room for 300 DXers and Contesters.

**Friday, May 20, 2005**

## **AMSAT BANQUET**

The AMSAT Banquet will be held Friday evening at 6:00 P.M. A happy hour will be held until 7:30 P.M. and there will be a cash bar. This year there will be appetizers served at the bar starting at 6:30 P.M. for those who attend happy hour! Again this year, the buffet banquet will be held at the Amber Rose Restaurant at 1400 Valley St. in Old North Dayton. Dinner will be served at 7:30 P.M. Price for the dinner is \$27.50 per person and includes appetizers, salad, meal, dessert, tax and gratuity. Coffee, tea and iced tea are included. Reservations are required and the banquet is limited strictly to 90 people maximum. Please, check at AMSAT Booth 445-448

## **CONTEST SUPER SUITE**

From 7 P.M. to 2 A.M., CONTEST SUPER SUITE located in the Miami Room (2nd Floor) at the Crowne Plaza Hotel (downtown). The CONTEST SUPER SUITE will be hosted by North Coast Contesters, The Frankford Radio Club and the Mad River Radio Club. Midnight Pizza parties will be held every night by several contest clubs and others. Contesters and DXers are invited to join us for an evening of great conversation. Room for 300 DXers and Contesters.

## **EMCOMM BANQUET**

For the 2nd year in a row, all ARRL EmComm class graduates (and friends) are invited to join us at Ryan's Restaurant at 5:30 P.M., 1760 East Stroop Road, Kettering, OH 45429 (937) 296-0528. Take I- 675 East to Wilmington Pike. Travel North on Wilmington Pike. Turn left on East Stroop Road. Ryan's will be on the left. Space is limited.

## **QCWA BANQUET**

The QCWA Banquet is on Friday night, 20 May, at Alex's Continental Restaurant near Miamisburg, check-in between 7:00 P.M. and 7:30 P.M., with dinner starting soon thereafter. Presentation by Chris Close: "How to Handle Impossible People." Cost per person is \$ 18.00 (incl. tip). Check at the QCWA booth(470) for available tickets.

**Friday, May 20, 2005 (Continued)**

## **VHF WEAK SIGNAL GROUP BANQUET**

The 2005 VHF Weak Signal Group Banquet Tom WA8WZG, Tony WA8RJF and the VHF Weak Signal Group would like to invite all weak signal VHF, UHF and Microwave enthusiasts to the 12th Annual VHF Weak Signal Group banquet to be held on Friday evening May 20th, 2005 at the Holiday Inn Dayton North, 2301 Wagner Ford Road, Dayton OH 45415. The cash bar opens at 6:15 P.M. with plenty of room to mix and mingle with VHFers from all over the country and around the world. The two entrée sit-down dinner will be served starting at approximately 7:15 P.M. and with prizes drawn at 9 P.M. Cost per person is \$35.00 and includes dinner and prize ticket. Seating is limited to 125 and spouses are welcome to join us and are eligible for the prize drawing.

## **IVCA MEETING**

International Visual Communication Association (IVCA) Meeting will be held Friday evening at 7:00 P.M. It will be held at the Best Western Executive Hotel, 2401 Needmore Road (Intersection of I75 & Needmore, Exit 58). The speakers will be Dave Jones, KB4YZ; Barry Sanderson, KB9VAK; Tom Jenkins, N9AMR; Dr. Don C. Miller, W9NTP; Farrell Winder, W8ZCF; and Dr. Robert Suding, W0LMD. The talks will cover new software programs, comparison of SSTV systems, better and innovative uses of SSTV, SSTV web pages and much more. There will be a general election of officers. Come prepared to nominate names for the election.

# **Batteries / Chargers**

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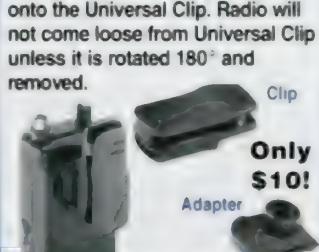
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# **Additional Activities**

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## **Friday, May 20, (Continued)**

### **20<sup>TH</sup> DX DINNER**

SWODXA will be sponsoring the 20th DX dinner. It is being held at the Crowne Plaza Hotel in Dayton city center, across from the Dayton Convention Center. Cash bar begins at 6:30 P.M. and the dinner will commence at 7:15 P.M. If you have not purchased tickets already, you are invited to come to the dinner site to see if anyone has turned tickets in because they cannot attend. The only tickets available at the door are those turned back in. Please watch the DX publications and columns in the major ham journals next year for the announcement so you can join us for an evening of fellowship and fun with fellow DXers.

## **Saturday, May 21, 2005**

### **ARRL WOUFF HONG CEREMONY**

Participate in this lively ARRL tradition. The ceremony is a ritual steeped in mystery! Attendees receive a special keepsake. ARRL Ohio Section Manager Joe Phillips, K8QOE, organizes this fun activity for all ages. Saturday, 10:30 P.M. at the Crown Plaza Hotel. Come join us!

### **ANTENNA TECHNOLOGY FORUM**

**12:00 TO 2:30**

This forum was originally schedule on Friday at the Hara Arena has been moved to the Van Cleve Ballroom of Crowne Plaza Hotel in downtown Dayton. The forum Includes a special presentation by ARRL Antenna Book Editor, Dean Straw, N6BV, titled "Strategies Using Propagation Predictions for DXing and Contesting". The forum is chaired by Tim Duffy, K3LR.

### **CONTESTING FORUM**

**2:30 TO 5:00**

This forum was originally schedule on Saturday at the Hara Arena has been moved to the Van Cleve Ballroom of Crowne Plaza Hotel in downtown Dayton. The forum is chaired by Doug Grant, K1DG.

### **13TH ANNUAL DAYTON CONTEST DINNER**

Master of Ceremonies for the Contest dinner is John Dorr, K1AR The 2005 Contest Hall of Fame Inductions will be formally announced by the CQ WorldWide Contest Director and CQ Contest Hall of Fame member, Bob Cox, K3EST. The Contest dinner will be held on Saturday night, at 6:30 P.M. Cash bar opens at 5:30 P.M. Located at the Crowne Plaza Hotel (Official Contest Hotel) 5th and Jefferson Streets (Next to the Convention Center) Dayton (Downtown), Ohio in the VAN CLEVE BALLROOM. There will be no Contest dinner tickets at the door.

### **CONTEST SUPER SUITE**

From 7 P.M. to 2 A.M., CONTEST SUPER SUITE located in the Miami Room (2nd Floor) at the Crowne Plaza Hotel (downtown). The CONTEST SUPER SUITE will be hosted by North Coast Contesters, The Frankford Radio Club and the Mad River Radio Club. Midnight Pizza parties will be held every night by several contest clubs and others. Contesters and DXers are invited to join us for an evening of great conversation. Room for 300 DXers and Contesters.



## Dayton Amateur Radio Association: A Short History

The Gem City Radio Club was the first amateur organization in Dayton. It was formed in 1914 and broke up in 1917 due to World War I.

The present Dayton Amateur Radio Association was formed in 1928. The original ARRL charter was signed by Hiram Percy Maxim, and was incorporated under the laws of the State of Ohio in 1929.

In 1928 DARA sponsored and held the Southwestern Ohio Hamfest. While it was a great success, it was a financial flop. DARA also sponsored the Central Division ARRL Convention at the Biltmore Hotel in 1930.

The interests of radio amateurs are varied and diversified. Members of DARA follow this pattern. DARA equipped and maintained an emergency radio station for the Red Cross at its headquarters on Monument Avenue during WWII.



Local Civil Defense communications were manned and trained by local amateurs. Their equipment was installed and maintained mainly by DARA personnel not in the military service.

After WWII, amateur radio was revived and DARA became quite active. Field Days, DXing and Traffic Nets were the primary activities. DARA's first Field Day was held at Madden Park in West Dayton. After considerable politicing, DARA finally got permission from the City of Dayton to be in the park overnight.

In 1947, Dr. John Kraus, W8JK, of Ohio State University, was persuaded to give a discussion and demonstration of various antennas using scaled down microwave equipment. It was at the Engineers Club of Dayton and was a huge success. Kraus was the inventor of the Helix Antenna. To get him to Dayton, DARA had to agree to build a 10 meter Helicoidal Beam. It was built at Carl Lightcap's (W8NSS) home in Drexel and was quite impressive! It was made of four circular elements of 4" downspouting and the boom was a 40-foot wooden extension ladder mounted on a telephone pole. It performed amazingly well. Unfortunately no pictures are available.

Quite a few hidden transmitter hunts were held around this time. Phone patches for overseas military personnel and precise frequency measuring were activities enjoyed by members.

In the late forties, TVI (Television Interference) reared its ugly head. DARA established a TVI Committee which has been very successful in coping with the problem.

In 1951, Frank Schwab, W8YCP (now W8OK) was elected President. A year or so earlier, John



# DARA History Continued

Willig, W8ACE, approached the club about sponsoring a Ham Convention as opposed to a Hamfest and he was turned down for a number of reasons. Not the least of these was that DARA had a Hamfest in the late twenties and it turned out to be a financial disaster. Frank liked the idea of a Ham Convention and asked John to get some people together to see if it could be pulled off. The DARA board was so confident that they allocated the huge sum of \$100 to get started. The rest is history!

## In the Beginning...

John's idea was to have a quality affair with talented speakers and excellent prizes. His research showed that it should be held in early spring because most area hamfests were in late summer and fall.

The first committee consisted of:

John Willig, W8ACE, General Chairman  
Al Dinsmore, W8AUN, Arrangements (Deceased)  
Bob Siff, W8QDI (now K4AMG), Prizes & Exhibits  
Frank Schwab, W8YCP (now W8OK), Publicity  
Bob Montgomery, W8CUJ, Finance  
Clem Wolford, W8ENH, Program  
Ellie Haburton, W8GJP (now W4ZVV), Women's Committee

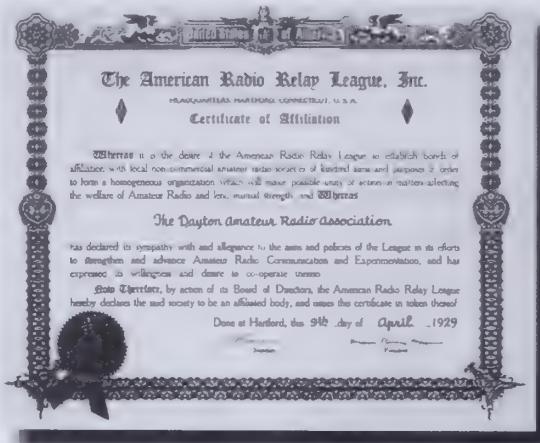
We had a Women's Committee because we figured that if we could get the gals to attend, it would be easier for the guys to get here.

The word Hamvention was coined at the first meeting and we called the event the Southwestern Ohio Hamvention. After the first year, the hyphen was dropped and the words "Dayton Hamvention" were registered as a trademark.

Our first setback occurred when we found the Biltmore Hotel was only available on March 22 and not late April as we had planned. So we had a whole month taken off our already short lead time. We went ahead with our plans anyway,

although some club members thought we had totally lost our minds.

It didn't take long to find out the hundred bucks DARA put up was not enough to do the job. So we decided to raffle off a 12" TV set to raise more cash. It went well and we were off and running.



Several things happened to really get the ball rolling. First, Phil Rand, W1BDM, a pioneer in TVI elimination agreed to be on the program. Nearly everyone had a problem with TVI at the time, so it was quite timely. Second, we were able to get the FCC to agree to give exams at the Biltmore Hotel. This was very unusual and remember that the new

license structure had just recently gone into effect. All tests, including Novice, had to be taken before an FCC Inspector. Third, we were able to buy a Collins 75A2 receiver from SREP-CO and Collins at an attractive price. This was to be the first prize.

We had a breakeven point of 300 visitors. Over 600 showed up! My wife, Carolyn, was in charge of registration and still remembers the crush of people at the registration desk.



There were 7 exhibitors and 6 forums. I don't remember how many people came to the banquet but it was one of the biggest the Biltmore ever had, up to that time. Hyde "Rube" Ruble, W8PTF, was the Master of Ceremonies and Larry LeKashman, W8IOP, was the featured speaker. Al Gunston, W8GQ gave a demonstration of his "Vacuum-less Vacuum Tube." This was an over-size open-air vacuum tube complete with a toaster element as the heater and a tin pie pan for a plate. He showed us how to cook hotdogs on the control grid!



The ladies program was very successful with a luncheon at the Biltmore and a trip to the local TV station where four of the women participated in a game show. Incidentally, the cost of Registration and Banquet was \$5.00!

### As The Years Go By...

John Willig remained as chairman for four years and the early years were not without complications. One year we inadvertently scheduled the Hamvention at the same time as an American Legion Convention. Another time was during a Great Lakes Shrine Ceremonial. In later years it always fell on graduation weekend at the University of Dayton. In the end, we won because no one else could get hotel and motel rooms during Hamvention.

In 1955, the Biltmore was starting to bulge at the seams and some of the forums were held in the Engineers Club, which was one block east of the Hotel.

Also in 1955, the Hamvention Awards Program was started and has become a nationally accepted honor. It was started with the "Amateur of the Year" award and has been expanded to include the "Special Achievement" award and the "Technical Excellence" award. These awards are recognized as the "Oscars" and "Emmys" of Amateur Radio.

In 1978, I was delighted to have been chosen "Amateur of the Year." (A personal note, please... One of the highlights of my life was at the Awards ceremony when I looked out at the audience and saw my family of 12 children and their spouses attending. Many were from out of town and I didn't know they would be there.)

### The Big Move...

In 1964 the Hamvention moved to Hara Arena. The Biltmore could no longer hold it. Most of the downtown Dayton parking areas had become flea markets with open trunks all day long. I was somewhat critical of the addition of the flea market at Hara Arena because I thought it would take away some of the "class" of the Hamvention. Obviously, I was wrong!

The first Master of Ceremonies at the Banquet at Hara Arena was Dan Graves, W8ZTL, who held the job for 16 years. Many of you will remember his distinctive style.

Free buses and handicapped parking were introduced in 1969. This has become quite expensive but it has greatly relieved the parking situation near the Arena.

In 1970, ARRL's "Ham's Wide World" had three premier showings at Hara Arena. Also that was the first year for a Hamvention Keynote Speaker.



# DARA History Continued

He was Prose Walker, W4BW, FCC Chief of the Amateur Division. Another Keynoter was George Jacobs, W3ASK.

In 1973, the Hamvention became a 2-day event with Friday opening. Sunday hours were added in 1974.

After the first few years of publishing a small program, it was decided to try to sell advertising, and call it a "Souvenir Program" with the thought that people would take it home for reference. This worked well and each year it increased in size. In 1976, the 25th Anniversary issue, the dimensions were changed from the small 6x9" size (the same size as early Amateur Radio magazines) to the current 8-1/2 x 11" format, to match the new standard size of Amateur Radio magazines of the time. Also, the passing of Bob Drake, W8CYE was recorded with a full page photo in this 1976 book. He was truly a radio pioneer and a great friend of DARA and the Hamvention. The cover of this issue was printed on silver paper and has become somewhat of a collector's item.

The 1970 program book featured a full page photo of Neil Rapp, WB9VPG. Neil was licensed as a Novice at 5 years of age.

Communications Specialists brought the first full-color ad to the Souvenir Program in 1978, bringing the Souvenir Program to a new full-color era.

## The Banquet...

Over the years there were many outstanding Banquet Speakers. Notably, Barry Goldwater,



K7UGA in 1974 and General F.H. (Butch) Griswold, KoDWC, in 1959. Gen. Griswold was Commander of the Strategic Air Command and pioneered SSB communications in the U.S. Air Force. During the Banquet, he demonstrated an SSB communications system by picking up a special telephone and was able to talk throughout the world via SSB. It was very impressive!

Some Banquet Speakers came back for more: Larry LeKashman, W2IOP/W8IOP/W9IOP, our first speaker, came back two more times. Jean Shepherd, K2ORS and Roy Neal, K6DUE, both returned numerous times as featured speakers.



## Unofficial Activities...

The unofficial activities around Hamvention weekend have certainly added to the enjoyment! Just about all facets of Amateur Radio are covered somewhere during the 3-day event. Many have been around a long time. I'm thinking particularly of the beady-eyed DX'ers. They have been meeting since the first Hamvention. Many clubs from Ohio, New York, and more continue to feature added entertainment as part of our annual event.

## Innovation and Critiques...

Much of the growth of Hamvention can be attributed to innovation. Immediately after each Hamvention, a critique meeting is held where all committee chairmen submit reports and discuss possible changes for the next year. It generally turns out to be a brainstorming session, with lots of ideas... some wild, some good, some really off the wall, and many that have been successful.

## Why We Do It...

I'm sure most of the people who help with the Hamvention do it for sheer enjoyment. We all like to be part of a winning team. Personally, I have made many life-long friends and that makes it all worthwhile. Thanks!

## Hamvention Continues To Grow...

Attendance has grown over the years to an average of 25,000 attendees. The number of foreign amateurs attending continues to increase. The value of the prizes has become more valuable.

In order to keep costs down, changes have been made. The most extensive was the limitation of bus transportation from area hotels and motels. Arrangements have been made for taxicabs to be available at the Hamvention site at very reasonable rates and doubling up passengers has been encouraged.

The Flea Market area has been increased so that nearly 2800 sites are available. As said in the original Hamvention mailer, "If you can't find it at Dayton, it's not available."



Many manufacturers and vendors have made the Dayton Hamvention THE place to show new equipment. Prices at the many distributor's booths are better than anywhere else.

For years the Hamvention Talk-In Committee has done a very notable job of keeping some semblance of order on the various Dayton frequencies.

The Forums have continued to be the "piece de resistance" for many attendees.

The meeting rooms

and the audio/visual capabilities are excellent. Many organizations have made the Hamvention the "Mecca" of their particular interest and meetings, banquets, and other activities take place all over the Dayton area. In one day an average of 300 FCC examinations are given.

As John Willig said about the very first Dayton Hamvention, "We're going to have a quality operation."

So it is.

-Frank Schwab, W8OK

The above article was written by Mr. Hamvention, Frank Schwab, W8OK, who became a silent key in June of 2003. The article was originally published in the 2002 Hamvention Program. Since it really is the Dayton Amateur Radio Association's history, we thought it was fitting to publish it again as we celebrate DARA's Seventy-fifth Anniversary.

# 2005 Dayton Hamvention® Committee

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## Chairmen:

General .....	Gary DesCombes, N8EMO
Assistant General .....	Jim Nies, WX8F
Director/MIS Assistant .....	Jim Simpson, WB8QZZ
ADA/Golf Cart Co .....	Mike Buehler, N8XGA
ADA/Golf Cart Co .....	Phil Gregg, KC8GLA
Advanced Registration .....	Gerd Schrick, WB8IFM
Awards Chairman .....	Bill Weaner, KB8BKW
Committee Services Co.....	Hazel Everetts, N8PTL
Committee Services Co.....	Jeff Everetts, N8IBW
DARA Booth .....	Dave Aivalotis, WB8SVJ
Finance.....	Jim Schoettigner, W8PLZ
Flea Market .....	Tom Holmes, N8ZM
Flea Market Assistant .....	Tom Rupp, W8TCR
Forums .....	Reuben Meeks, W8GUC
Hamvention Mailing .....	Frank Good, KA8GYV
Inside Exhibits .....	Jon Thuemer, KB8SRQ
Inside Exhibits Assistant .....	Gary Kopas, KC8CSH
License Exams .....	Terri Ruwe, AK8T
Media Co .....	Dave Dextradeur, W1GBA
Media Co .....	Bill Pasternak, WA6ITF
MIS .....	George Potor, W8NTY
Ombudsman .....	Ron Moorefield, W8ILC
Prize .....	Matt Smith, AB8OR
Publications .....	Jerry Miller, WD8QAI
Security/Communications .....	Carl Rose, K8CPR
Security/Communications Assistant .....	Jim Stonerock, WB8JIM
Special Event Station .....	Mike Kirlin, KC8UPN
Talk-In .....	Sam Anderson, N8VES
Transportation .....	Ross Brown, WA8DQH
Volunteer Web Site Recruiting .....	Bill Weaner, KB8BKW
Webmaster .....	Steve Coy, K8UD
Webmaster Assistant.....	Henry Ruminski, WD8JOI

## Advisors:

DARA President .....	Michael Kalter, W8CI
Advisory Team Member.....	Bill McNabb, WD8SAY
ARRL Liaison for National Convention .....	Jim Weaver, K8JE



Gary Des Combes, N8EMO  
2005 General Chairman



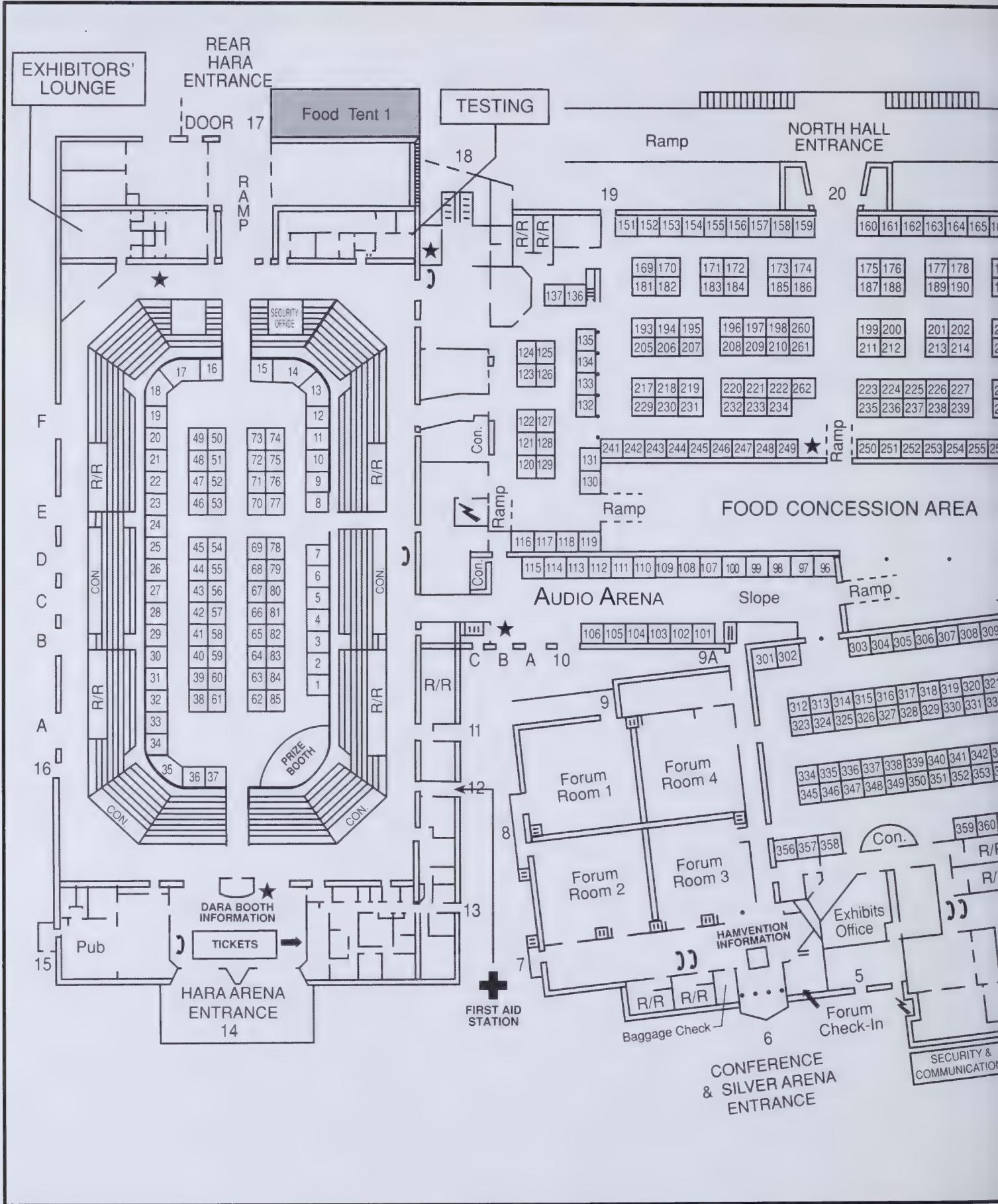
Jim Nies, WX8F  
2005 Assistant General Chairman

## Past Dayton Hamvention® General Chairman

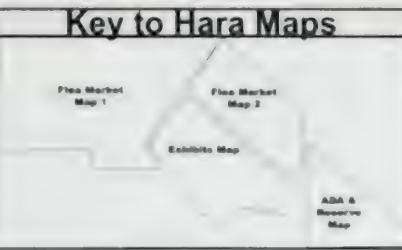
1952-1955	John J. Willig, W8ACE*
1956-1957	Rudy Plak, W8ZOF (W6TIK) *
1958	Frank J. Schwab, W8YCP (W80K) *
1959-1960	Ed F Bonnet, W80VG*
1961-1962	Joseph H. McNutt, W8GFN*
1963-1964	Sheemon A. Wolfe, W8WJL
1965-1966	Edgar A. Smith, W8RKL*
1967	Robert Wilcox, K8EJI*
1968-1969	Jack Ohmart, K8CUA
1970-1971	Kenneth E. Mills, W8RLY
1972	George L. Shearer, WA8IHC (KE8WJ)*
1973-1976	Ted L. Suarez, K8BSC
1977	Wallace M. Wright, WA8ZCA (AD8N)
1978	John Basilotto, W5GI (KC2EH)
1979	Sandford H. Cohen, W8JEZ
1980-1981	Noel K. McKeown, WB8QQC
1982-1983	Harold A. Judd, K4GZL
1984-1985	Jack Mitchell, AA8Q
1986-1987	Jim Simpson, WB8QZZ
1988-1989	Bill McNabb, WD8SAY
1990	Ed Hillman, N8ALN
1991-1992	Ross Brown, WA8DQH
1993-1994	Dave Grubb, KC8CF
1995-1996	Ken Allen, KB8KE
1997-1999	Dick Miller, N8CBU
2000-2002	Jim Graver, KB8PSO
2003	Pat Neff, N8IGS
2004	Gary Des Combes, N8EMO

\* Deceased

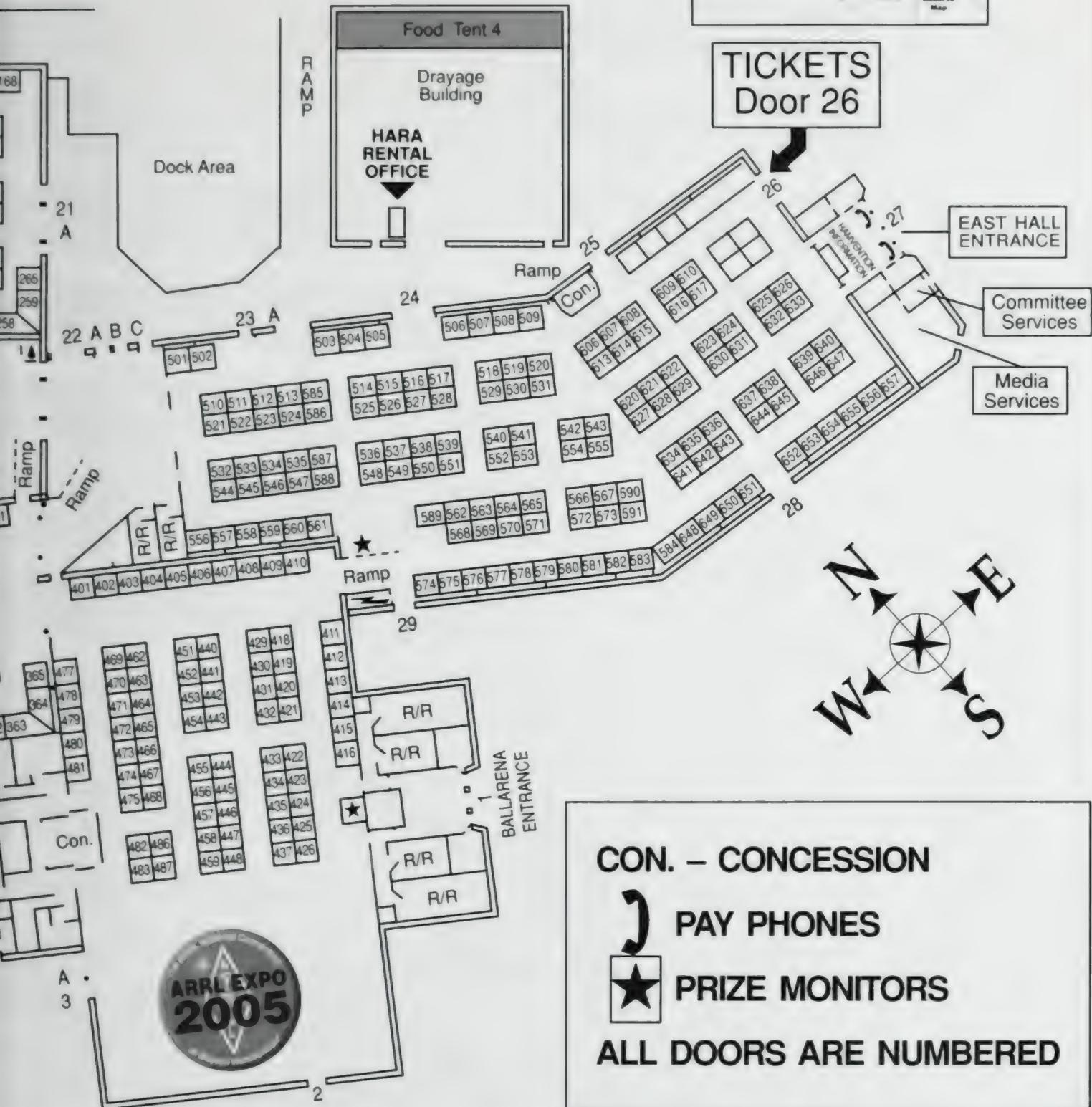
# Exhibitors Map



## Key to Hara Maps



**TICKETS**  
Door 26



# Flea Market Map 1

**VEHICLE ENTRANCE TO FLEA MARKET TENT AREA**

**ALL TRAFFIC EXITS TO BASORE ROAD**

# GATE

Courtesy  
Flea Market  
Parking

## TRASH DUMPSTERS

**GATE F**  
**PEDESTRIAN**  
**ENTRANCE**

## Reserve Exhibitors and Committee Parking

BASORE ROAD

# GATE H

**EXIT TO  
BASORE ROAD**

EXIT

← ←

GATE

NO  
PARKING

10 of 10

1000

51

11

111

1000

100

ALL TRAFFIC EXITS TO BASORE ROAD

GATE C

FIRE LANE

**BUS ZONE**

**BUS TENT**

**EXIT ALL TRAFFIC**

**MARKET TRUCK PARKING**

**Haniverton**

**Special Event Station  
Xwarn CST**

**Key to Hara Maps**

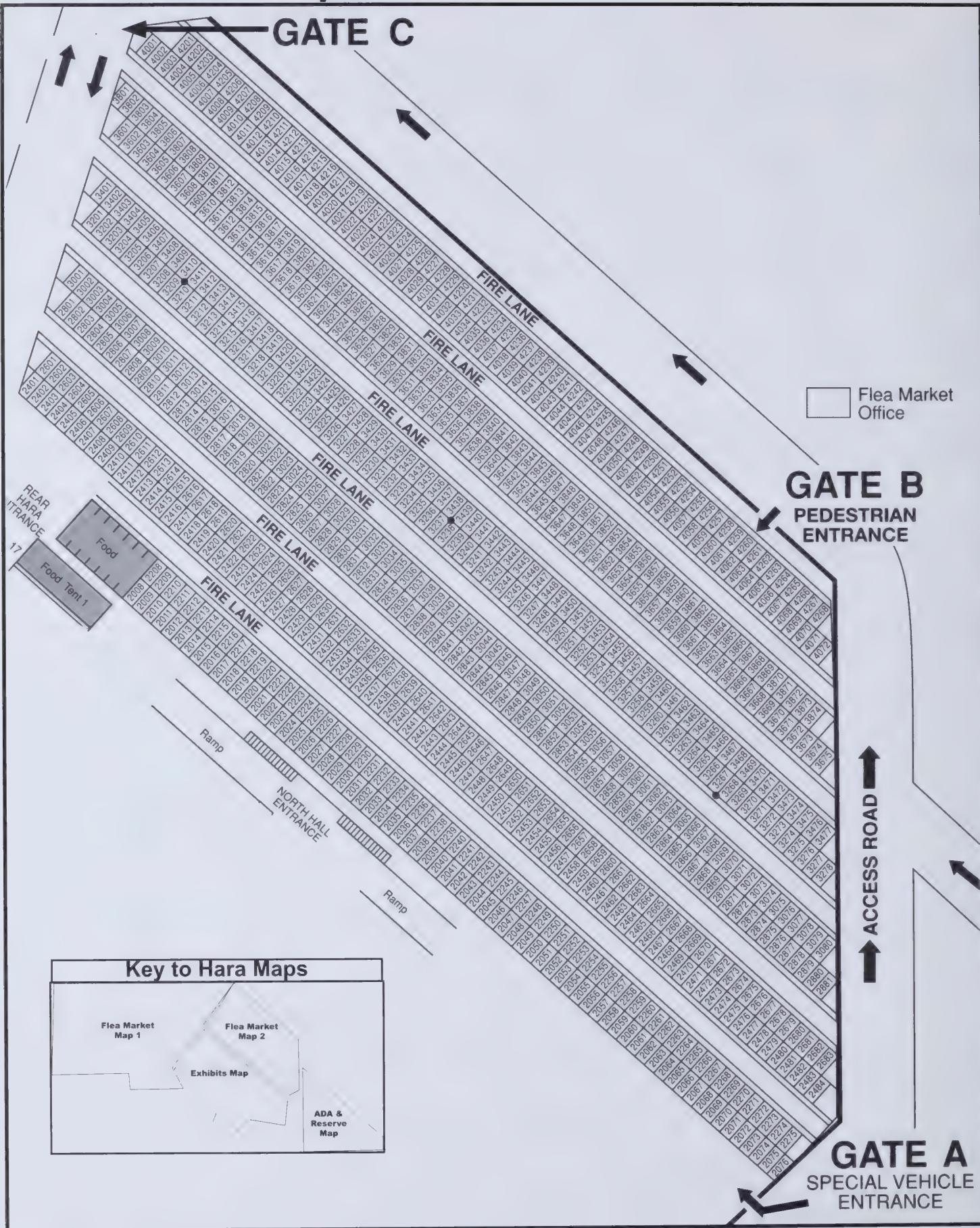
Flea Market Map 1

Flea Market Map 2

Exhibits Map

ADA &  
Reserve  
Map

# Flea Market Map 2





**ARRL** The national association for  
AMATEUR RADIO

ARRL EXPO  
2005

# The ARRL National Convention

at Dayton Hamvention® 2005

[www.arrl.org](http://www.arrl.org)

## EXHIBIT & ACTIVITIES GUIDE

**May 20-22, 2005**

**Hara Arena, Conference & Exhibition Center  
Dayton, Ohio**

Welcome radio amateurs and friends! This year, Dayton Hamvention® is host to the 2005 ARRL National Convention. It's like having two great shows in one!

Use these next pages as a handy guide to find your way around the ARRL National Convention activities and exhibits.

### ARRL EXPO

Hamvention® has provided a large exhibit area to ARRL within the Ballarena Hall (near the 400-numbered booths). That's where you'll find ARRL EXPO, a huge showcase of ARRL exhibits and activities to enhance your Amateur Radio experience. Refer to the exhibitors map and look for the ARRL EXPO "button."

### ARRL Bookstore (ARRL EXPO area)

Visit the HUGE ARRL bookstore to purchase popular ARRL publications, join or renew your ARRL membership, and pick up official ARRL merchandise. Meet ARRL authors, and see software demonstrations.

- **National Convention Membership Special!** Get a FREE gift when you join ARRL or renew.
- **Free Dayton Button!** Visit the ARRL Bookstore for your free ARRL National Convention souvenir button.

### ARRL Diamond Club

Join ARRL Diamond Club, and receive a free gift! Visit the ARRL Bookstore or ARRL Development booth to sign up. Drop by for more information, or visit [www.arrl.org/diamondclub](http://www.arrl.org/diamondclub).

### ARRL Passport

ARRL Passport is the ultimate convention scavenger hunt. Pick up your free ARRL Passport at the ARRL EXPO exhibits area. Use your ARRL Passport as you wander from exhibitor to exhibitor and from activity to activity. Look for Passport signs throughout the convention, and collect Passport codes to qualify to win great prizes! No purchase necessary to participate. **Each copy of ARRL Passport includes the official rules and entry form.** Limited to the first 5,000 visitors to the ARRL EXPO exhibits area. Pick up your ARRL Passport, and join the fun!



#### ARRL Passport Prizes (confirmed by press time)

##### Grand Prizes

Kenwood TS-480HX 6-160 Meter All-Mode Transceiver  
Icom IC-706MKIIG HF/VHF/UHF All-Mode Transceiver

##### Silver Prizes

Icom ID-800H VHF/UHF Digital Transceiver  
AOR U.S.A. ARD9000 Digital Voice Interface

##### Bronze Prizes

Icom IC-2200H 144 MHz FM Transceiver with UT-118 Digital Board Unit  
Alinco DJ-C7T VHF/UHF Dual-Band Micro Transceiver



# The ARRL National Convention

at Dayton Hamvention® 2005

[www.arrl.org](http://www.arrl.org)

## ARRL EXPO EXHIBITS AND BOOTHES

- **ARRL Bookstore** – Purchase publications, join or renew your ARRL membership, and pick up official ARRL merchandise.
- **ARRL Grassroots Lobbying** — Join the effort to support ARRL legislative initiatives that are helpful to ham radio.
- **The ARRL Lab** — Product review testing, RFI/EMI information, BPL presentation and more.
- **ARRL Section Managers and Section Leaders** – Visit this gathering area for ARRL Field Organization networking.
- **ARRL Education & Technology Program** — See displays of ARRL program kits, projects, activity boards and other resources available to schools and teachers. Also, information about Amateur Radio on the International Space Station (ARISS).
- **ARRL Youth Activities** — If you're a school-aged young person, drop by this exhibit for ham radio FUN and prizes!
- **ARRL Affiliated Clubs and Mentor Program**
- **DXCC Card Checking** (see **ARRL Activities** for additional information)
- **Emergency Communications and Public Service** — Register for the popular Emergency Communications online courses.
- **TravelPlus for Repeaters™** software demonstration
- **ARRL Volunteer Examiner Coordinator** — Licensing forms, testing information and more.
- **ARRL Development** — Diamond Club, Spectrum Defense Fund, Education & Technology Fund, W1AW Endowment Fund and more.
- **The ARRL Foundation** — Serving Amateur Radio with college scholarships and grants.
- **ARRL Media and Public Relations**
- **ARRL Technology Task Force**
- **Welcome New Hams!** – New to ham radio? Recently licensed? ARRL is here to help YOU.
- **Meet QST's printer!** — ARRL is proud of its partnership with RR Donnelley, ranked number one in the printing industry on FORTUNE magazine's list of most admired companies. RR Donnelley prints 7 out of the top 10 consumer magazines in the United States.
- **ARRL guest exhibits:**
  - The International Amateur Radio Union
  - United States Power Squadrons®
  - The National Association of Radio and Telecommunications Engineers

## ARRL ACTIVITIES & SPECIAL EXHIBITS

### **The ARRL Stage (ARRL EXPO area)**

See live presentations every half hour at the ARRL Stage, located in the ARRL EXPO area. A list of presentations is posted near the stage. Hear from ARRL volunteers and staff on a variety of topics!

### **Get your photo on the cover of QST.**

You're famous! Come to be photographed at this booth, and your photo will be superimposed on a cover of *QST*. You won't want to miss getting this cool keepsake of your trip to Dayton. Take home your personalized *QST* cover to hang up in the shack! Purchase tickets at the ARRL Bookstore (ARRL EXPO area). **Price \$10.**

### **ARRL Internet Café and WiFi**

Got a laptop? The ARRL EXPO exhibit area in the Hara Ballarena is equipped with a wireless LAN. The system is 802.11b/g compliant. Any laptop or device equipped for wireless will enjoy Internet access within the ARRL EXPO vicinity. The ARRL EXPO will also include a small Internet café with computers set up to browse. Access your e-mail and the Internet. Surf away! *Compliments of ARRL, in partnership with the Dayton Microcomputer Association.*

## Meet Astronaut Tony England, W0ORE

Friday May 20, 9:30 to 10 AM, ARRL EXPO exhibits area

Friday May 20, 10 to 10:30 AM, ARRL Youth Activities booth (ARRL EXPO area)

Ham-radio-in-space pioneer Dr. Tony England, W0ORE is the second US astronaut to ever use Amateur Radio in space. He is a special guest of the ARRL National Convention at Dayton Hamvention®. Visitors may want to have Tony autograph their convention programs or ARRL Passports. During his NASA career, Tony served on the support staff for the Apollo 13 and 16 flights. In 1985, Tony flew the Space Amateur Radio EXperiment (SAREX) during the STS-51F Spacelab-2 mission. He retired from NASA in 1988 after logging 188 hours in space. Tony is now Associate Dean for Academic Affairs for the University of Michigan College of Engineering as well as a professor of electrical engineering and computer science and professor of atmospheric, oceanic and space sciences.

## 2005 Annual ARRL EmComm Banquet

Friday May 20, 5:30 PM

For the second year, all ARRL Amateur Radio Communications course graduates and friends are invited to join us at Ryan's Restaurant in Kettering, Ohio, for the EmComm Banquet. The "Mentor of the Year!" award will be presented. Space is limited. Contact Dan Miller, K3UFG, at the Emergency Communications and Public Service booth (ARRL EXPO area).

## ARRL Wouff Hong Ceremony

Saturday May 21, 10:30 PM, Crowne Plaza Hotel

Participate in this lively ARRL tradition. The Wouff Hong Ceremony is a ritual steeped in mystery! Attendees receive a special keepsake. ARRL Ohio Section Manager Joe Phillips, K8QOE, organizes this fun activity for all ages. Come join us!

## ARRL Youth Activities (ARRL EXPO area)

If you're a school-aged young person, drop by this exhibit for fun, and prizes! Try your hand at games like *Name that Bot*, *Call Sign Scavenger Hunt*, and *Ham Radio Jeopardy*. Participants compete in a daily drawing for grand prizes. Explore Morse code! Test your sending skills on a key. Make a name wristband with your name in Morse code. And, play Robot bingo, an opportunity to win prizes for maneuvering a wireless-controlled robot through a maze. Adults are welcome to come by and watch the fun!

ARRL thanks Icom for its support of ARRL youth activities.

## DXCC Card Checking (ARRL EXPO area)

Friday, Saturday, and Sunday

Personnel from the ARRL DXCC Branch and volunteers are on hand to check your DX cards and applications. All cards are eligible for checking, including old cards, cards for deleted countries and cards for 160 Meters. Applications are limited to 120 cards (more cards will be checked as time and volunteer card checkers are available). See [www.arrl.org/awards/dxcc](http://www.arrl.org/awards/dxcc) for the latest program information and current forms.

**JARL Card Checking!** For the first time at Dayton you can have your QSL cards checked for several awards sponsored by the Japan Amateur Radio League! World renowned DXer Masa Ebisawa, JA1DM, is present at the ARRL DXCC booth to represent JARL and check cards for most of the awards sponsored by JARL: Asian DX Award (ADXA); All Japan Districts Award (AJD); Worked All Japan Prefectures Award (WAJA); Japan Century Guns Award; Worked All Squares Award (WASA). Please see [www.jarl.or.jp/English/4\\_Library/A-4-2\\_Awards/](http://www.jarl.or.jp/English/4_Library/A-4-2_Awards/) for complete information on these and other JARL awards.

## W1AW/8 Special Event Station

Bring a copy of your license to operate using the world's most recognized call sign. Located in the flea market (or exact location to be announced), and operating on the following frequencies: 3.870/3.650; 7.270/7.050; 10.110; 14.270/14.050; 18.130/18.090; 21.370/21.050; 28.670/28.050 MHz; 147.55 MHz simplex. All freqs are +/- QRM. QSL: ARRL, W1AW/8, 225 Main Street, Newington, CT 06111 (include an SASE).

## Amateur Radio License Examinations

Friday, May 20, 2:30 PM

Saturday, May 21, 9:30 AM and 2:30 PM

ARRL/VEC-administered Amateur Radio license examinations are provided by the Dayton Amateur Radio Association. See information elsewhere in the Hamvention® program for details.



# The ARRL National Convention

at Dayton Hamvention® 2005

[www.arrl.org](http://www.arrl.org)

## Commercial License Examinations

FCC Commercial License testing is provided by NARTE, the National Association of Radio and Telecommunications Engineers. Testing fee is \$40.00 (not included in Hamvention entrance fee). Please visit the NARTE exhibit in the ARRL EXPO area for more information. For additional information and other examination opportunities, contact NARTE at 1-800-89-NARTE or visit [www.narte.org](http://www.narte.org).

## The International Amateur Radio Union (IARU) Meeting Area

Located in the ARRL EXPO area, this is the place to come and gather under the IARU flag. Help us extend a special welcome to travelers representing other IARU member societies. This worldwide fellowship booth is a place for everyone to relax, gather and meet.

## ARRL FORUMS

See the forum schedule elsewhere in the Hamvention® program for a complete slate of convention forums including the Teacher's Workshop with Carole Perry and Youth in Amateur Radio Program, DXing and Contest forums and more!

### **Friday May 20, 2005**

**ARRL Grassroots Lobbying Forum**  
9:00 AM - 10:00 AM, Room 2

**ARRL Clubs and Mentoring Forum**  
9:00 AM - 10:00 AM, Room 4

**ARRL Goes to Washington For You**  
Meet ARRL President Jim Haynie, W5JBP  
10:15 AM - 11:15 AM, Room 2

**Amateur Radio and The Law, "Getting it Up and Keeping it UP"**  
12:45 PM - 2:15 PM, Room 3

**ARRL Amateur Radio Emergency Service (ARES) Forum**  
2:30 PM - 3:45 PM, Room 3

### **Saturday May 21, 2005**

**What's Your Buzz in Amateur Radio?**

Meet ARRL President Jim Haynie, W5JBP, and the ARRL Board of Directors  
8:15 AM - 9:30 AM, Room 3

**AMSAT Forum**  
8:15 AM - 9:45 AM, Room 1

**Antenna Technology Forum**

Includes a presentation by ARRL Antenna Book Editor, Dean Straw, N6BV,  
"Strategies Using Propagation Predictions for DXing and Contesting"  
12:00 PM - 2:30 PM,  
Crowne Plaza Hotel, Van Cleve Ballroom

### **Sunday May 22, 2005**

**ARRL Public Relations Forum**  
8:30 AM - 10:00 AM, Room 1

**ARRL Technology Task Force Forum**  
10:15 AM - 12:00 PM, Room 1

**ARRL Section Managers & Section Leaders Forum**  
10:15 AM - 11:15 AM, Room 4

## **Thank You!**

ARRL expresses its gratitude to the 2005 Dayton Hamvention® Committee and volunteers that contributed to the success of the 2005 ARRL National Convention in Dayton, Ohio.

## TOP 10 PRIZE CONTRIBUTORS FOR 2005

Kenwood  
ICOM  
Alinco  
ARRL  
K-COM

Alpha Radio Products  
Radio Amateur Callbook  
World Radio  
DX Engineering  
HamTestOnline

## MAIN PRIZES

ICOM IC-756PRO III  
Kenwood SkyCommand II+ System  
Kenwood SkyCommand II+ System  
Kenwood SkyCommand II+ System  
Kenwood SkyCommand II+ System

Kenwood SkyCommand II+ System  
Kenwood SkyCommand II+ System  
ICOM IC-746PRO  
ICOM ID-1  
ICOM IC-706MKIIG

## HAMVENTION PRIZE DONORS

Alan Broadband Co.  
Alinco  
Alpha Radio Products  
Amidon, Inc.  
ARRL  
Belden Cable  
Bird Electronic Corporation  
Buckeye Bells  
Cushcraft  
Degan Designs  
DX Engineering  
Ham Radio Outlet  
Ham Test OnLine  
Heil Sound  
Icom  
International Radio  
K-COM  
Kenwood  
LDG  
Microsec R&D Inc

Mini Circuits  
NAT Communications  
NCG  
On the Spot Embroidery  
Palstar  
PCTEL Antenna Products Group (MAXRAD)  
Radio Amateur Callbook  
SGC  
Ward Silver  
Skysweep Technologies  
Startek  
Universal  
W2IHY Technology  
Webster Communications  
West Mountain Radio  
Wireman  
World Radio  
WW Manufacturing  
XWARN

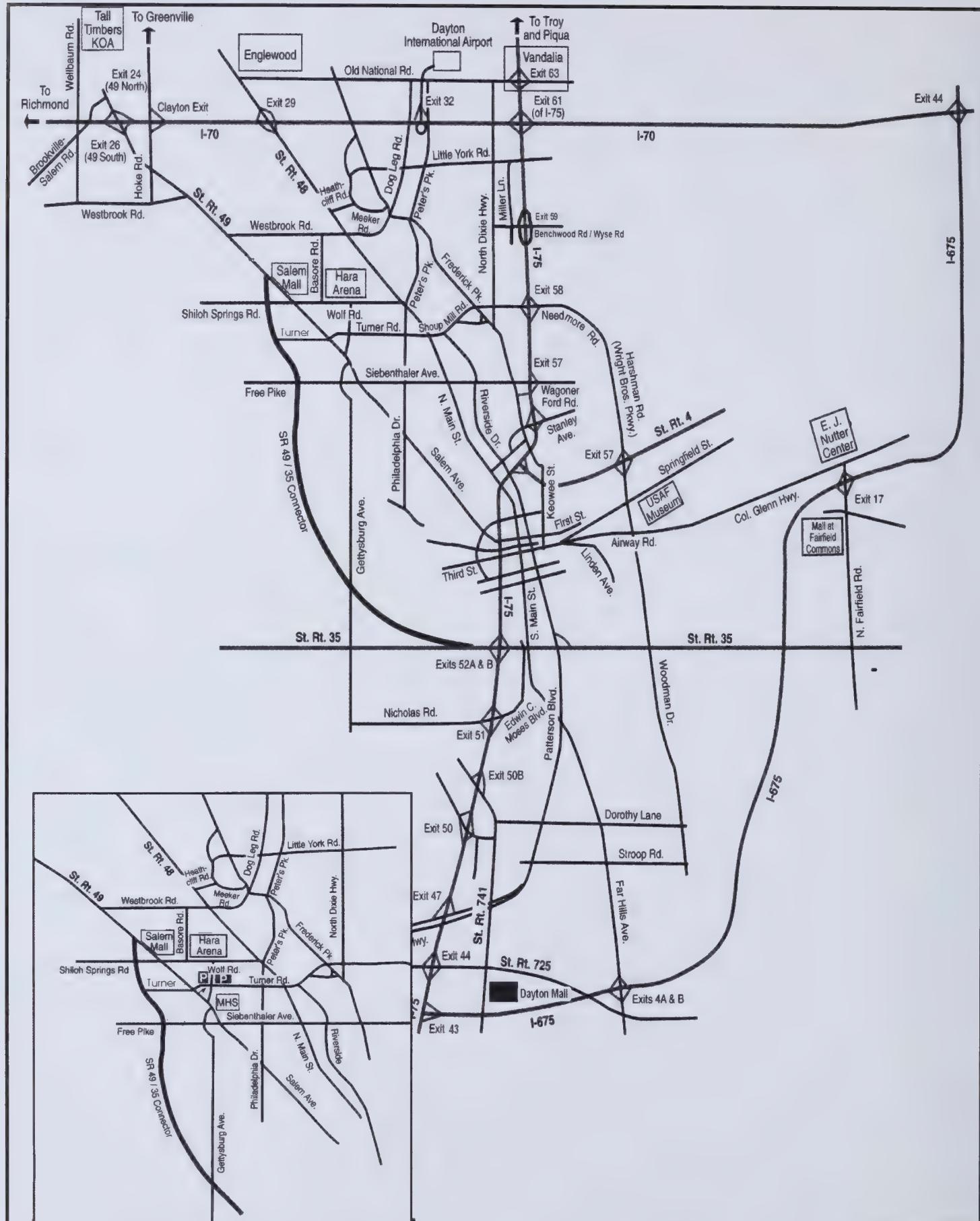
# Exhibitors

10-10 International Net, Inc.	326	Digital Badge	583
A.P.R.S.	223,224	Dishtronix	570
A2Z Computers, Inc.	482,486,487	Doug Hall Electronics	233
AES Amateur Electronic Supply	26-29	Down East Microwave	225,226
Alfa Radio	205	DX Engineering	1-7,203,204,215,216
Alinco	628,629,635,636	DX4WIN	527,528
All Ohio Scanner Club	98	DXbase by Scientific Solutions, Inc.	455
Alpha Power	136,137	E-Z Hang, Inc.	546
Aluma Tower	526	Elecraft	196,197
Amalfi Group	327	Electronic Associates	13,14
Amateur Accessories	343-345	Emtron Ind.	590
Amateur Television of North America	236	Engelhaupt Embroidery	359,360
American National Red Cross	625,626,632,633	Expanded Spectrum Systems	246
American Radio Relay League	208-210,220-222,260-262	Fists CW Club	100
ARRL EXPO 2005	490-499	Flexradio Systems	313
Ameritron	80-82	Florida Hams Association	429
Amidon Associates, Inc.	420	Futronics Inc.	134
AMSAT (Radio Amateur Satellite Corp.)	445-448	G-QRP Club	242
AOR U.S.A., Inc.	451-454	GAP Antenna Products, Inc.	30
Array Solutions	408-410	General Motors EMC Lab	179,180,191,192
Atlas Business, Inc.	554,555	Green Heron Engineering	530
Aventrade	199	Ham Maps	245
B & B Embroidery	117,118	Ham Radio Outlet	20-23
B & B Enterprises	309-311	The Ham Station, Inc.	536-539
Batteries America	120-122	HamTestOnline.COM	358
Batteries Plus - Dayton	361	Harlan Technologies	207
Battleship New Jersey Amateur Radio Sta.	319	Hawk Distributors, Inc.	540,541
Bencher Inc.	11	Heil Sound LTD	103-106
Bird Technologies Group	414	High Sierra Antennas	302
Bonito - Computer International	317	Hy-Gain	24,25
Buckeye Belles/YLRL	96	Hydropedes Therapeutic Shoe Insoles	515
Buckmaster Publishing	333	ICOM America, Inc.	33-37,562,563,589
Buddipole /W3FF Antennas	43	Idiom Press	12
Bulldog Keys / Unified Microsystems	206	Ikon Technologies Inc.	641-643
Cable X-Perts, Inc.	469	Information Radio 1610	318
Capitol Electronics, Inc.	572	International Radio Corp	405
Carl Lodstrom	614	Internet Radio Linking Project	324
Cedar City Sales	171,183	Kanga US	41,42
Chicago Computer Broker	509	Kendoo Technology, Inc.	462
Christian Amateur Radio Fellowship (CARF)	306	Kenwood USA Corporation	50-53,70-73
Civil Air Patrol	154,155	Key Source Technologies	418,419
Coaxial Dynamics	401	KJI Electronics of Ohio, Inc.	320-322
Collins Collectors Association	459	Klong Electronics Co. Ltd	655
Computer Automation Technology	217	KPI-5 Project	413
Cordpro	421	Lightblasters - Performance LED Lights	325
Courage Handi-Ham System	315	Link Communications	416
CQ Communications, Inc.	74,75	Little Giant Ladder System	616
Cushcraft Corporation	16,17	M2 Antenna Systems, Inc.	620,627
Custom 4-U	232	Maha Energy Corp.	54,55
D.A.C.A.R.	99	MARS, Combined MARS	356,357
Davis Instruments	338,339,340	Medical Amateur Radio Council Ltd.	314
DC Ace Electronics, Inc.	169,170,181,182	Metal & Cable Corp., Inc.	502
DC Power, LLC	354	Metrotel Communications	193
Degen Designs / K1CRA Radio Store	579,580		
DIAMOND ANTENNA	365,477		

# Exhibitors

MFJ Enterprises Inc.	62-67,83-85	Rig Expert MIXW	556
Michigan QRP Club, Inc.	243	Robert Griffin	198
Micon Computer Co.	187,542	Rodman & Co., Inc.	176,501
Micro Computer Center	436,437	RT Systems, Inc.	244
Microtech Electronics	227		
Midwest VHF/UHF Society	332	Sabre Site Solutions	582
Milog	406	Satern, Salvation Army	483
Mini-Circuits	475	Scanner Master Corp.	402,403
Mirage Communications	9	Scilux Inc.	331
Monteria LLC	657,656	SGC, Inc.	623,624,630,631
N2VZ Enterprises	172	The Sign Man of Baton Rouge	568,569
National Communications Magazine	433	Sign Man of Ohio	218,219
National Law Enforcement & Tech Center	558	Solder-It Co.	10
National Weather Service	444	Sounds Sweet	412
NCG Company (Comet/Maldol/Daiwa)	56-58	Startek International, Inc.	235
Nemal Electronics Intl. Inc.	301	SteppIR Antennas	518,529
New Communications Solutions, LLC	101,102	The Suspender Man	479,480
New-tronics Antenna Corp.	31,32		
NexTek, Inc.	44	TAPR (Tucson Amateur Packet Radio)	607-609
Northrop Grumman - Xetron	516	Tarheel Antennas	158,159
Nuts & Volts / Servo Magazine	45	Ten-Tec, Inc.	548,-551
Ohio Area Repeater Council	97	The Ink Place /Inkproducts.com	228,263
On The Spot Embroidery	308	The UPS Store	167,168
Optoelectronics, Inc.	76,77	Timewave Technology, Inc.	109
Pacific Research Solutions	557	Top Ten Devices, Inc.	404
Palstar Inc.	525	Totally Unique Enterprise	468
PATS HATS	567	Tower Electronics	173,174,185,186
Peet Bros. Co. Inc.	151-153	TPL Communications	422
Personal Satellite Network, Inc.	474	Traffic Technology / HEX-BEAM	247
Peter Rhodes	200	Transel Corporation	312,323
Phillystran, Inc.	15		
Printer World	478	Uncommon USA Inc.	564,565
Pro-Am / Astatic	362	Universal Radio, Inc.	506
Prosoft Plus	481	US Tower Corp.	18,19
Prostar Batteries, Inc.	238,239		
PRS Technologies	411,510	Vectornics	8
QRP-ARCI	241	The Vibroplex Company, Inc.	303,304
Quality Craft Tools	652-654	VIS Amateur Supply	211,212
Quarter Century Wireless Association, Inc.	470	Voice of America Park and Museum	195
R & L Electronics	38-40,59-61,544,545		
R.A.I.N/160 Meter G.R.N./Newsline	473	W&W Manufacturing Co.	559-561
The R.F. Connection	156,157	W2IHY Technologies	110-113
Radio Amateur Callbook (ITFM)	46,47	W4RT Electronics	114,115
Radio Covers by Caron	407	W5YI - Gordon West	250,251
Radio Shack	440,441,442,443	W5YI - VEC	252
Radio Society of Great Britain	230,231	W7EL Software	514
Radio T Shirts	513,585	WB0W Inc.	254-259,265
The Radio Works, Inc.	430,431,432	Webster Communications Inc.	423-426
Radio Ministries	316	West Mountain Radio	328-330
Radioware Radio Bookstore	68,69,78,79	Western Case Company	248,249
Ray Guest	194	Winradio Communications	648-651,584
RF Linx Corp.	547	The Wireman, Inc.	160-162
RF Parts	363,364	Workman Electronic Products	123,126
RF TEC Mfg.	48	Worldradio, Inc.	49
		WriteLog for Windows S/W	307
		www.Dxercase.com	581
		WWW.PCDIRECT / Microtech Comp	503-505
		Yaesu Vertex Standard	521-524,532-535,586,587

# Dayton Area Map



# Forums Schedule



TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 1	ROOM 2	ROOM 3	ROOM 4
8:45 am								
9:00 am	<b>AFRS</b>	ARRL GRASSROOTS	LIGHTNING Protection 9:00 - 10:00	ARRL Clubs ▲ Monitoring 9:00 - 10:00	AMSAT	Software Defined Radios SDR 8:00 - 9:15	What's Your Bucket in Amateur Radio 8:15 - 9:30	Bicycle Mobile Hams of America
9:15 am	<b>9:00 - 10:15</b>							SDR (Software Defined Radios) Users 8:30 - 10:00
9:30 am								<b>SKYWARN</b> 8:30 to 10:00
9:45 am								
10:00 am								
10:15 am								
10:15 am	<b>10:15 - 10:30 Break</b>		<b>10:00 - 10:15 Break</b>	<b>8:15 - 9:45</b>		<b>9:15 - 10:00 Break</b>	<b>8:30 - 10:00</b>	
10:30 am								
10:45 am								
11:00 am								
11:15 am								
11:30 am								
11:45 am								
10:30 am	<b>YAPR(Digital)</b>		<b>10:15 - 11:15</b>	<b>10:15 - 11:15</b>		<b>9:30 - 11:30</b>	<b>Ding</b> 9:30 - 12:15	
11:15 am								
10:30 am	<b>10:30 - 12:45</b>		<b>11:15 - 11:30 Break</b>	<b>11:15 - 11:30 Break</b>		<b>HF Vertical Antenna</b> Phasing		
11:45 am								
11:45 am	<b>QRP</b>		<b>Tropospheric</b> Ducting Coming Soon	<b>11:30 - 12:30</b>		<b>9:45 - 11:30</b>		
12:00 pm								
12:15 pm								
12:30 pm								
12:30 pm								
12:45 pm								
12:45 pm	<b>12:45 - 1:00 Break</b>		<b>12:30 - 12:45 Break</b>	<b>12:00 - 12:15 Break</b>		<b>11:30 - 11:45 Break</b>	<b>11:30 - 11:45 Break</b>	
1:00 pm								
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3:30 pm								
3:45 pm								
3:45 pm	<b>3:45 - 4:00 Break</b>		<b>3:45 - 4:00 Break</b>	<b>3:45 - 4:00 Break</b>		<b>Digital SSTV</b>	<b>2:15 - 5:00</b>	
4:00 pm								
4:15 pm								
4:30 pm								
4:45 pm								
5:00 pm								

Sunday  
ROOM 1  
ROOM 2  
ROOM 3  
ROOM 4

## ARRL Public Relations

8:30 - 10:00

Break

10:00 - 10:15 Break

# Forums

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**Friday, May 20, 2005**

<b>9:00 - 10:15</b>	<b>APRS .....</b>	<b>ROOM 1</b>
	Moderator: Stan Horzepa, WA1LOU	
	Speakers: Byon Garrabrant, N6BG	
	John Hansen, W2F	
	Keith Sproul, WU2Z	
	Mark Sproul, KB2ICI	
	The state-of-the-art of APRS (Automatic Position Reporting System). Learn all about the new hardware, software, and protocol developments in APRS.	
<b>10:30 - 12:45</b>	<b>TAPR/DIGITAL .....</b>	<b>ROOM 1</b>
	Moderator: John Ackermann, N8UR	
	Speakers: John Ackermann, N8UR, and Steve Bible, N7HPR	
	Introduction and TAPR Update	
	Mel Whitten, K0PFX	
	WinDRM Software Digital Voice and Data	
	Eric Blossom, K7GNU	
	GnuRadio/Software Defined Radio	
<b>1:00 - 2:30</b>	<b>COLLINS RADIO RESTORATION.....</b>	<b>ROOM 1</b>
	Moderator: David Knepper, W3ST, Secretary of the Collins Radio Association	
	Restoration of the Collins 30-FX Transmitter	
	Restoration of an S-e, 75S-2, and 32S-2	
	Restoration and Repair of Collins Amateur Equipment	
<b>2:45 - 3:45</b>	<b>YLRL.....</b>	<b>ROOM 1</b>
	Moderator: Cheryl Muhr, NOWBV, YLRL president	
	One of the main points of the forum will be discussing the upcoming convention in Denver, Colorado, August 11-14th, 2005. This is the 50th convention year and a great gathering has been planned. We will also discuss the YLRL web site and new Yahoo! groups site for YLRL members.	
<b>4:00 - 5:00</b>	<b>THE BOX-KITE YAGI .....</b>	<b>ROOM 1</b>
	<i>A novel high performance antenna for vhf through microwaves</i>	
	This forum will discuss a novel yagi-like antenna that is particularly applicable from 50 MHz up through 6 GHz. The antenna has the unique property of providing excellent performance on 2 bands, without complex diplexers or separate feeders. All the elements are active on both bands. We will also discuss a version, optimized for use on one band, that has higher gain than a conventional long yagi having the same boom length. The theory of operation will be discussed, and prototype test results presented. Some physical prototypes will be available for inspection.	

9:00 - 10:00	<b>ARRL GRASSROOTS LOBBYING .....</b>	<b>ROOM 2</b>
	Moderator: Frank Fallon, N2FF	
	Here's a chance to network with fellow hams involved in shaping Amateur Radio's future through government planning and policy. Grassroots efforts put hams directly in touch with government officials when federal legislation is proposed that can help Amateur Radio. Find out what ARRL is doing to make this happen. Join the effort to support ARRL in its effort to get legislation helpful to ham radio. This forum will give you the tools you need. We can do it together!	
10:15 - 11:15	<b>ARRL GOES TO WASHINGTON FOR YOU.....</b>	<b>ROOM 2</b>
	Moderator: Jim Haynie, W5JBP	
	Hear how the latest issues in Washington affect YOUR Amateur Radio. Meet ARRL President Haynie, W5JBP	
11:30 - 12:30	<b>QRP .....</b>	<b>ROOM 2</b>
	Moderator: Ken Evans	
12:45 - 2:00	<b>KIT BUILDING .....</b>	<b>ROOM 2</b>
	Moderator: Joe Eisenberg, KØNEB,	
	Speakers: Wayne Burdick, N6KR	
	Phil Anderson, WØXI	
	This forum provides an introduction to kits and will have examples including Elecraft kits, Rockmites, as well as Alden-McDuffie (a new brand) and others that are not as well known, but good choices to build. We will show examples of both easy beginner kits and advanced kits to help revitalize the lost art and fun that kit building has to offer.	
2:15 - 3:45	<b>TEACHERS' WORKSHOP .....</b>	<b>ROOM 2</b>
	Moderator: Dave Bell, W6AQ	
	Speakers: Dave Bell, W6AQ, Using DX In The Classroom	
	Joe Eisenberg, KØNEB , Kit Building For Kids	
	Tom Nader, Robotics Demonstration	
	Bob Rose, AA3RR, Recruiting Tips For Kids' ARC	
4:00 - 5:00	<b>AM .....</b>	<b>ROOM 2</b>
	AM International Update	
	Moderator: Dale Gagnon, KW1I	
	Speaker: Dennis DuVall, W7QHO	
	Military Radio Fun - Southern California's Military Radio Collectors Group People, equipment and activities will be profiled in a pictorial presentation. MRCG members not only restore their radios, but they enjoy regular team field events that simulate their radios original purpose.	

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<b>9:00 - 10:00</b>	<b>LIGHTNING PROTECTION.....</b>	<b>ROOM 3</b>
	Moderator: Ron Cohen, K3ZKO and George McCormick, N2BCX (assistant) Ron brings his 33 years of experience in the Two-Way-radio field performing Grounding and Lightning Protection at remote radio locations. Learn how to direct the lightning away from your equipment and your house.	
<b>10:15 - 11:15</b>	<b>ANTENNA DESIGN BREAKTHROUGHS .....</b>	<b>ROOM 3</b>
	Speaker: Ken Glanzer, K7GC There is a simple way to increase the gain of a 2 element quad and at the same time lower the R <sub>o</sub> from 140 to 50 ohms, without a Gamma match (worst matching device ever devised). This new approach also has a sharper vertical pattern than the horizontal pattern. Using conventional antenna design to obtain this much increase in sharpness of the vertical pattern would require one or two additional elements. Using other technologies, only stacked beams have a sharper vertical pattern than the horizontal. In this forum we will discuss how the Gamma match ruins F/B and reduces gain in a dramatic way. Using computer simulation, we will show how RF Spill-over affects the pattern. We will discuss the term "RF Spill-over" and expound on this problem. In addition, we will discuss how a one pole Rhombic outperforms longer 4 pole Rhombics with far shorter wires. This technique uses the guy wires on the tower and gives them a second use. They are slanted and tilted and provides increased gain, with a much lower angle. In conclusion, we will discuss another development that incorporates the feeding of both elements, with the proper phasing, to provide increased gain.	
<b>11:30 - 12:30</b>	<b>TROPOSPHERIC DUCTING .....</b>	<b>ROOM 3</b>
	Speaker: Gordon West, WB6NOA Tropospheric Ducting coming soon! Gordo brings in a laser and record breaking audio clips to describe how hams on 2 meters and 440 MHz are talking over a thousand miles on FM, with a listen-to of SSB for even further range contacts! Tropo time is only a couple months away!	
<b>12:45 - 2:15</b>	<b>AMATEUR RADIO AND THE LAW.....</b>	<b>ROOM 3</b>
	<i>Getting it Up and Keeping it UP</i> Moderator: Jim O'Connell, W9WU Speakers: Jim O'Connell, W9WU, ARRL Volunteer Counsel Chris Imlay, W3KD, ARRL General Counsel Fred Hopengarten, K1VR, ARRL Volunteer Counsel Tim Ellam, VE6SH (author), IARU Vice President Jay Bellows, KØQB, ARRL Dakota Division Director A discussion by Amateur Radio attorneys on legal issues of interest to hams: How to avoid restrictive covenants, present your case for a tower permit, plus info on the latest court rulings on RFI, PRB-1 and towers. Also details on issues of Homeland Security and how hams play a critical support role.	

2:30 - 3:45	<b>ARRL AMATEUR RADIO EMERGENCY SERVICE (ARES) ROOM 3</b>
	Moderator: Steve Ewald, WV1X
	John Chapman, WB8INY, ARRL Ohio SEC hosts:
	Speakers: Steve Ewald, WV1X, overall emergency communications and public service
	Kay Craigie, N3KN, ARRL Vice President, Pennsylvania county ARES/RACES organization's backup to 911
	Joyce Birmingham, KA2ANF, ARRL Hudson Division Vice Director, Skywarn ops and public service events
	Dan Miller, K3UFG, ARRL EmComm Grants Coordinator, grants A short Q&A follows.
4:00 - 5:00	<b>10-10 INTERNATIONAL..... ROOM 3</b>
	What has 10-10 done to 10 Meters
	Moderator: Gerry Gross, WA6POZ, #21274, 10-10 Data Manager
	Speaker: Chuck Imsande, W6YLJ, #19636, 10-10 President
	Keith Schlottman, KR7RK, #63324, 10-10 Treasurer
	Chuck and Keith will explain 10-10's 6 year plan to increase activity on 10 meters, and they promise success. Chuck will bring us up to date on other 10-10 activities.
9:00 - 10:00	<b>ARRL CLUBS AND MENTORING .....</b> ROOM 4
	Moderator: Norm Fusaro, W3IZ
	Clubs are a place where all hams can share experiences and build friendships. They are also a focus for mentoring and instruction. This forum will look at fresh and exciting ways to make your radio club a hub of activity. Remember who helped you get started in Amateur Radio? Hear fascinating and fun approaches on how you can return the favor, coaching new hams.
10:15 - 11:15	<b>TECHNIQUES OF THE BEST OPERATORS .....</b> ROOM 4
	Moderator: Mitch Stern, W1SJ
11:30 - 12:30	<b>MAGNETIC CORES OF BALUNS AND UN-UNS .....</b> ROOM 4
	Moderator: Jerry Sevick, W2FMI

Continued on Page 39

# Award Winners

A television news producer from California, a DXpedition leader turned communications hero from India, and a researcher from New Jersey have been selected as recipients of the 2005 Dayton Hamvention® awards.



**Special Achievement Award** recipient D. Bharathi Prasad, VU2RBI, was on the air from the VU4RBI/VY4NRO DXpedition in Port Blair in the Andaman and Nicobar Islands when disaster struck on December 29, 2004. A massive earthquake occurred at 22:58 UTC off the west coast of northern Sumatra. It measured 8.9 on the Richter scale and triggered a tsunami that took over 300,000 lives across the region. After checking that everyone was safe and that the antennas were still on the roof, DXpedition team leader D. Bharathi Prasad, VU2RBI, got back on the air and contacted HSØZZA in Thailand and VU2UU and VU2MYL on the Indian mainland. Both confirmed tremors in their locations. She then shifted the operation to handle emergency traffic and health and welfare inquiries between the island and the Indian mainland. Simultaneously, she sent team members to the office of the Chief Secretary, Government of Andaman & Nicobar Islands, expressing the operators' willingness to support an emergency communications network to assist the government administration. For many days Prasad and the other DXpedition members were the lone voices on the radio bringing aid and comfort to the people of the isolated islands. Mrs. Prasad said she wants to share this honor with her fellow operators, with India's national Institution of Amateur Radio, Hyderabad and India's Dept. of Information Technology (Information supplied by CQ Magazine, ARRL, ARNewsline, and others)



**Technical Excellence Award** winner Dr. Jerry Sevick, W2FMI, is well known in ham radio technical circles world-wide for his many books, articles and other writings. Jerry earned a BS in education at Wayne State University and his PhD in applied physics from Harvard University. From 1952 until 1956, Jerry taught physics at Wayne State University. Jerry then joined the staff at AT&T's Bell Laboratories. Jerry supervised teams in high-frequency transistor and integrated circuit development. He worked in reliability and applications engineering and high-speed PCM. Before retiring in 1985, he served as Director of Technical Relations. Jerry's interest in amateur radio launched his experiments with short vertical antennas and broadband matching networks. His April, 1978, article in QST on short ground-radial systems now serves as the standard for earth conductivity measurements. Transmission Line Transformers, published by the ARRL, was the result of his work on the characterization and design of transformers for low impedance applications. He also wrote a series on baluns for Communications Quarterly and a series on un-uns for CQ Magazine. Dr. Sevick is a Technical Advisor for the ARRL and is a member of IEEE, Sigma XI, Sigma PI Sigma and Phi Delta Kappa. He was a bomber pilot during World War II and has been elected into Wayne State University's Athletic Hall of Fame for his records in football and track.



Selected as **Radio Amateur of the Year** for his dedication to the ongoing education of radio amateurs in the many facets of our hobby and in the area of publicizing Amateur Radio to the non-licensed world through the mass media, is Alan S. Kaul, W6RCL. Alan is a career electronic journalist currently serving as West Coast Producer for NBC Nightly News. A licensed amateur most of his life, he began his service to the hobby in the late 1970's as a writer and reporter for the Westlink Amateur Radio News. One of the best remembered contributions to Newsline was his report on the death of His Majesty Al Hussein ibn Talal, JY1, King of Jordan. Working from an intimate knowledge

Continued on next page

of King Hussein and the monarch's many ham radio friends, Kaul wove a word picture of the "man and his hobby" as seen through the eyes of those who knew him best. Alan was the volunteer producer of a half hour video about the first ham radio operation from orbit by Dr. Owen Garriott, W5LFL, titled "Amateur Radio's Newest Frontier." Alan is active in several worlds of Amateur Radio, including QRP operation, CW operation and contesting to name only three. In 2002 producer Dave Bell, W6AQ asked Alan to devise a concept for participation by CBS Newsman Walter Cronkite, KB2GSD, to anchor a short presentation dealing with the reliability of ham radio during crisis situations. Titled "Amateur Radio Today", it was released by the American Radio Relay League in January 2003. This video has been used by the ARRL in its dealings with Congress and other legislators and received the Chicago Film Festival's Certificate of Merit for a non-broadcast documentary. Kaul's latest video project, known by the working title, "The ARRL Goes to Washington", is slated for release this spring. It documents the work being done on the political front by the ARRL to preserve the precious spectrum upon which radio amateurs operate and to protect it from interference from sources such as Broadband Over Powerline Internet access. Alan and his wife, Christine, lives in La Canada, California.

## 2006 Award Nomination Form

Your Name: \_\_\_\_\_ Your Call sign: \_\_\_\_\_

Your Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Prov: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Your Phone: \_\_\_\_\_ Your Email: \_\_\_\_\_

I am nominating the following for: (Please, check only one.)

- Amateur of the Year** - This is for the special person who has made a long term commitment to the advancement of amateur radio. We are looking for a well-rounded individual who has contributed to our hobby in some outstanding way.
- Technical Excellence** - This is for the person who has made an outstanding technical advancement in the field of amateur radio.
- Special Achievement** - This is for the person who has made an outstanding contribution to the advancement of amateur radio. This award is usually given to a respected amateur who spearheaded a single significant project.

Their Name: \_\_\_\_\_ Their Call sign: \_\_\_\_\_

Their Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Prov: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Their Phone: \_\_\_\_\_ Their Email: \_\_\_\_\_

Please, attach a statement as to why the above is worthy of the nomination. Attach any supporting documents and send to:

Dayton Hamvention Awards  
P.O. Box 964  
Dayton, OH 45401-0964

# Previous Award Winners

## AMATEUR OF THE YEAR

1955 .... William C. Jenney, W8FYW  
1956 .... Edmund C. Ryan, W8LRR  
1957 .... Ralph Crammer, W8VHO  
1958 .... Rev. C. Lynn White, K4CC  
1959 .... Harlow Lucas, W8QQ  
1960 .... Paul Woffe, W8IVE  
1961 .... Ed Bonnet, W8OVG  
1962 .... Dana Cartwright, W8UPB  
1963 .... Chester Funk, K8EUF, K7ZKL  
1964 .... H. Ruble, W8PTF  
1965 .... Carl B. Snyder, W8ARW  
1966 .... Robert K Caskey, W9DNQ  
1967 .... Jack Gray, W8JDV  
1968 .... Elmer Schubert, W8ALW  
1969 .... Wayne Walters, W9DOG  
1970 .... Kay Anderson, W8DUV  
1971 .... Al Michel, W8WC  
1972 .... Don C. Miller, W9NTP  
1973 .... Ray E. Myers, W6MLZ  
1974 .... Barry Goldwater, K7UGA  
1975 .... Richard A. Daniels, WA4DGU  
1976 .... Joseph M. Hertzberg, N3EA  
1977 .... Rafael M. Estevez, WA4ZZG  
1978 .... Frank Schwab, W8OK  
1979 .... George G. Batterson, W2GB

1980 .... Wayne Overbeck, N6NB  
1981 .... Eric C Shalkhauser, W9CI  
1982 .... Robert G. Heil, Jr., K9EID  
1983 .... Katashi Nose, KH6IJ  
1984 .... Dave L. Bell, W6AQ  
1985 .... John J. Willig, W8ACE  
1986 .... Roy Neal, K6DUE  
1987 .... Carole Perry, WB2MGP  
1988 .... Bill Bennett, W7PHO  
1989 .... Bill Pasternak, WA6ITF  
1990 .... Stephen Mendelsohn, WA2DHF  
1991 .... John B. Johnston, W3BE  
1992 .... Richard Baldwin, WIRU  
1993 .... Harry Dannals, W2HD  
1994 .... Perry Williams, WIUED  
1995 .... Rosalie White, WAIUSTO  
1996 .... William A. Tynan, W3XD  
1997 .... Leo I. Myerson, WØGFQ  
1998 .... Andrew J. Feldman, WB2FXN  
1999 .... Kenneth M. Miller, K6IR  
2000 .... Marttie Laine, OH2BH  
2001 .... George Jacobs, W3ASK  
2002 .... Alanson "Hap" Holly, KC9RP  
2003 .... Larry "Tree" Tyree, N6TR  
2004 .... David Kopacz, KY1V

## SPECIAL ACHIEVEMENT AWARD

1977 .... South American Moonbounce (EME)  
Expedition Team of the Mt. Airy VHF  
Radio Club Inc., Philadelphia, PA  
Elliott Weisman, K3JJZ,  
Anthony Sousa, W3HMU  
S. William Olsan, W3HQT,  
Walter Boldman, K3BPP  
Daniel Mitten, WA3NFU,  
Socrates Martinez, WB3AFY  
Bohnar Aguilar, WB3AOP  
1978 .... Ronald Moorefield, W8ILC  
1979 .... Edward Tilton, W1HDQ  
1980 .... Joseph Merdler N6AHU  
1981 .... Bill Pasternak, WA6ITF, Bill Orenstein, KH6IAF  
1982 .... Bruce Humphrys, KØHR  
1983 .... Lenore Jensen, W6NAZ  
1984 .... Ethel Smith, K4LMB  
1985 .... Judith Frye, KG8P  
1986 .... Rev. Michael Mullen, C.M., WB2GQW

1987 .... Arthur Gentry, W6MEP  
1988 .... Fred Hammond, VE3HC  
1989 .... Phil Karn, KA9Q  
1990 .... Paul Thomson, KCØVG  
1991 .... Nate Brightman, K6ØSC  
1992 .... Ned Raub, W1RAN  
1993 .... Robert Adams, WA9ZMO  
1994 .... Russ Kroeker, N7HGE  
1995 .... Ed Briner, WA3TVG  
1996 .... John Kraus, W8JK  
1997 .... Joseph J. Fairclough, WB2JKJ  
1998 .... John B. Bellows, Jr., KØQB  
1999 .... Paul D. Lieb, KH6HME  
2000 .... A. Prose Walker, W4BW  
2001 .... Frank Bauer, KA3HDO  
2002 .... Dr. Owen Garriott, W5LFL  
2003 .... Jonathan Taylor, K1RFD  
2004 .... George S. Wilson III, W4OYI

## TECHNICAL EXCELLENCE AWARD

1984 .... Lyle Johnson, WA7GXD  
1985 .... Richard Whiting, WØTN  
1986 .... M. E (Doug) DeMaw, W1FB  
1987 .... Henry (Hank) Oredson, WØRLI  
1988 .... Lew McCoy, W1ICP  
1989 .... Byron Goodman, W1DX  
1990 .... Bob McGwier, N4HY  
1991 .... Lou McFadin, W5DID  
1992 .... Gerald Cromer, K4NHN  
1993 .... Dick Jansson, WD4FAB  
1994 .... Dick Newell, AK1A

1995 .... Philip Ferrell, K7PF  
1996 .... William Orr, W6SAI  
1997 .... Al Ward, W5LUA  
1998 .... Robert E. Bruninga, WB4APR  
1999 .... Alfonso R. Torres, KP4AQI  
2000 .... Dr. H. Paul Shuch, N6TX  
2001 .... Peter Martinez, G3PLX  
2002 .... Allen Waller, K3TKJ  
2003 .... Steve Dimse, K4HG  
2004 .... Barry Sanderson, KB9VAK

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12:45 - 2:00	<b>FIGHTING BPL AND WINNING .....</b>	ROOM 4
	Moderator: Dave Yoder KB3HUC	
	The concept is to use the power distribution grid to send digital data at high speed to consumers. While this sounds great, anyone with electricity can just plug in a modem to get Internet access. But, BPL has <i>terrible</i> technical implications for hams. The problem with most BPL proposals (technology is still in the development stage) is that data is sent out at HF frequencies- generally from the top of the AM domestic broadcast band at 1.8 MHz to the bottom of the FM broadcast band, at 88 MHz. Smack dab in the middle of this spectrum is our traditional HF bands. Come to this forum and learn how an average club stopped BPL in its tracks-before trials started!	
2:15 - 3:45	<b>COUNTY HUNTERS .....</b>	ROOM 4
	Moderator: Bob Voss, N4CD, Introduction/New Developments	
	Speakers: Lori Peerenboom, K8XTQ, County Hunting from the YL Perspective	
	Fred Peerenboom, KE8TQ, Life with a County Hunter	
	Steve Morton, AA8HH, County Hunter Adventures	
	Forum will discuss County Hunting (working towards awards by working USA Counties), County Hunting News, New Developments including using 30M	
4:00 - 5:00	<b>DISASTERS AND HAM RADIO .....</b>	ROOM 4
	Moderator/speaker: Kailash Gupta, KG6SQR	
	This forum will discuss how amateur radio emergency communication was vital during Gujarat, India Earthquake in 2001 and how the disaster management system was set up.	

# Forums

**Saturday, May 21, 2005**

<b>8:15 - 9:45</b>	<b>AMSAT .....</b>	<b>ROOM 1</b>
	Moderator: Barry Baines, WD4ASW, VP-Marketing & User Services, AMSAT-NA	
	Speakers: Rick Hambly, W2GPS, "AMSAT's Mission and Vision" Jim Sanford, WB4GCS, "Eagle Project Update" Sam Jewell, G4DDK, "An Update on SSETI Express Student/AMSAT-UK Satellite" Frank Bauer, KA3HDO, "Human Space flight Update (ARISS & Future Exploration Initiatives)"	
<b>10:00 - 12:00</b>	<b>FCC.....</b>	<b>ROOM 1</b>
	Speakers: Riley Hollingsworth, K4ZDH William T. Cross, W3TN	
<b>12:15 - 2:30</b>	<b>AMATEUR TELEVISION (ATV).....</b>	<b>ROOM 1</b>
	Moderator: Bill Parker, W8DMR	
	Speakers: Ken Morris, K8RUT, Introduction to Digital ATV, as applied to WR8ATV Repeater. The application of D-ATV to the Columbus, Ohio ATV repeater may be the first in the U.S.A. The gear selected, test trials, and the results will be presented. Expected expansion plans declared. Art Towslee, WA8RMC: The Care and Feeding of a Comprehensive ATV Repeater Bands & frequency choices, site selection, equipment, antenna types, power levels, transmission lines, and other critical issues. Bill Brown, WB8ELK: High Flying ATV University balloonsat-Carrying ATV to the edge of space.	
	Announcements by: Jesse Nicely, KB8OFF, DARA ATV repeater status Eugene Harlan, WB9MMM, ATVQ editor Art Towslee, WA8RMC, ATCO editor Ron Cohen, K3ZKO, ATNA activities	
<b>2:45 - 5:00</b>	<b>SLOW SCAN TV (SSTV).....</b>	<b>ROOM 1</b>
	New Developments in Digital SSTV	
	Moderator: Dr. Don C. Miller, W9NTP	
	Speakers: Jess Nicely, KB8OFF, announcements Dr. Robert Suding, WØLMD, Slow Scan Television (SSTV) For Beginners" Louis McFadin, W5DID, SSTV in Outer Space (SUITSAT and ISS) Dave Jones, KB4YZ, Comparison between digital SSTV systems Mel Whitten, KØPFX, Introduction to winDRM software	

See writeup on Amateur Television on Page 46.

**8:00 - 9:15      SOFTWARE DEFINED RADIOS (SDR) ..... ROOM 2**

The Software IS the Radio

Speakers:    Gerald Youngblood, K5SDR, FlexRadio Systems  
                 Bob McGwier, N4HY  
                 Frank Brickle, AB2KT

Software Defined Radios are returning technological innovation to amateur radio. Unlike traditional fixed function radios, a "Software Defined Radio" allows the functionality and performance of the radio to be improved on a continuous basis through software upgrades. This forum will discuss how open source SDR software is changing the way radios are designed and operated.

**9:30 - 11:30**

**DRAKE ..... ROOM 2**

Moderator:    Don Spillman

**11:45 - 1:45**

**YOUTH IN AMATEUR RADIO ..... ROOM 2**

Moderator:    Noel McKeown, WB8QQC

Speakers:    Chris Gerard, KC8WBU, age 16, Equipment and Background of School ARC

Ian Blodger, KD8AII, age 13, Fund Raising School ARC

Nick Myaard, KC8ZTV, age 13, School ARC Activities

Andrea Hartlage, KG4IUM, age 14, Youth Involvement in Amateur Radio

Sean Muldauer, KB3KXW, age 14, How Amateur Radio Influenced My Life

Zhenghua Yang, KC0QWA, age 14, Ham Radio Through The Eyes of Different People

Trevor Lawrence, KC0OJH, age 16, The Perks of Contesting

**2:15 - 5:00**

**VHF/UHF MICROWAVE ..... ROOM 2**

Moderators:    Mike Schulsinger, N8QHV, & Red Dakin, W8ULC(Assistant)

Speakers:    Dave Sublette, K4TO, Multiband Microwave Operation

Kent Brittain, WA5VJB, Wide band Antenna

Sam Jewell, G4DDK, SSETI Express Satellite

Brandin Schamer, WG4NVK, Long Distance 2.4 GHz

Justin Rigling, KC8OIO, 802.11B Communication

Joe Lynch, N6CL, VHF and Ham Band, Then and Now

**8:15 - 9:30**

**WHAT'S YOUR BUZZ IN AMATEUR RADIO? ..... ROOM 3**

Moderator:    Jim Haynie, W5JBP, and ARRL Board of Directors

See how ARRL works for what-gets-you-going in ham radio; meet the ARRL Prez and YOUR ARRL Family.

**9:45 - 11:30 HF VERTICAL ANTENNA PHASING..... ROOM 3**

The "C-Match" Approach to Phasing Verticals

Moderator: Lee Barrett, K7NM

Phasing of HF antennas is done in both the amateur and the broadcast world. The broadcast approach to phasing verticals is complex, uses multiple networks and is hard to adjust. The amateur approach relies heavily on tuned antennas with good feed point matching, which is usually not physically attainable. This forum will discuss a method of combining the best parts of the broadcast and amateur approaches to produce a phased antenna feed system that is efficient, easy to tune, and performs at near theoretical gain and null depth.

**11:45 - 12:45 MIDCARS ..... ROOM 3**

Moderator: Don Jeffries, N8KYX

Speaker: John Thornton, K9TWV

MIDCARS is a service that operates on 7.258 MHz, 365 days a year from 7:30 A.M. EST until 2:00 P.M. and longer when necessary. MIDCARS is primarily for mobile HF operation, giving mobiles any assistance they need from road conditions and road closings to just saying hello. MIDCARS assists amateurs in proper operating procedures, provides radio checks, audio checks, antennas comparisons, and anything else that a mobile operator may need. MIDCARS acts as an HF calling channel. This forum will discuss mobile HF operations and the service that MIDCARS provides to HF mobile operators.

**1:00 - 3:00 NEWSLINE'S LIVE TOWN HALL MEETING..... ROOM 3**

All Sides Now -A Primer on Recruiting New Hams And Keeping Those Now Licensed In The Hobby

This Town Hall Meeting will deal simultaneously with two topics vital to insuring the future of our hobby-service:

1. Those of recruiting new hams of all ages into the hobby while
2. Slowing the attrition rate of those who are leaving due to disinterest or lack of satisfaction.

Moderator: Bill Pasternak WA6ITF (Amateur Radio Newsline, Inc.)

Keynote Speaker: Rich Moseson, W2VU (Editor of CQ Magazine).

"Ham Radio Operators Come in All Shapes and Sizes" are words attributed to the late Senator Barry M. Goldwater, K7UGA, in 1986. They are as apropos today as they were then and maybe even more so. Rich expands on these thoughts as they fit ham radio in the 21st century and the ham radio that is yet to come

Dave Bell, W6AQ (DBA Entertainment Corp.), "Defining Whom To Recruit" - In making movies and TV shows Producer/Director Dave Bell deals with a lot of people. In his presentation Dave will give you some clues on how to know who's who.

Henry Feinberg, K2SSQ (Interpreter of Science and Technology), "Communicating Our Story to the Outside World" Hams have a bad habit of talking a language of their own and that is OK when talking with another ham, but it may be a turnoff to a non-ham or non-technical person. Learning how to communicate about ham radio in plain language is important and K2SSQ will explain why.

Allen Pitts, W1AGP (Public Relations Director - ARRL), "The Role of the ARRL." Since its inception, the ARRL has been a leading force in the recruitment of new people to the hobby. Find out the about the latest programs that the ARRL has to offer and how the ARRL recruitment program can benefit you and your community.

Ray Novak, N9JA, (Icom America), "The Role of Industry" The ham radio supply industry takes recruitment very seriously. One of the leaders in this area is Icom America which underwrites several recruiting projects aimed at all ages. Learn how you can support their efforts and those of other members of the ham radio industry.

Trevor Conroy, W7TDC and Sara Saeger K3OOO. If you want to know how to reach the minds and hearts of the young, then you need to ask the young. Our speakers are a pair of teenage hams who not only love the hobby, but also share their enthusiasm with everyone with whom they come into contact. What's their secret? Find out when you meet them.

Carole Perry, WB2MGP (Retired Educator). Classrooms provide a unique opportunity to interest youngsters in the hobby. No place has as many young people together for as much time under the same roof every day, but there are some pitfalls. What are they and how do you avoid them? Carole will use her many years of expertise to let you know.

Pat Tice, WAØTDA - (General Manager of the Minnesota based HandiHams) - "Mentoring After Licensing" A piece of paper from the FCC does not make a well rounded radio amateur. He or she really needs to be guided into the core of the hobby by people with experience in it. Pat, who runs the greatest ham radio mentoring program of all, will explain the importance of one-on-one mentoring.

D.E. Dee Logan, W1HEO, (public relations expert) W1HEO will explain how a new joint effort by Cleveland area radio clubs promotes ham radio in that city.

3:15 - 5:00	<b>M.A.R.S.</b> .....	ROOM 3
	USAF/Navy/Marines	
	Moderators: Bob Sutton, Chief, Army MARS	
	Ray Collins, Chief, Air Force MARS	
	Bo Lindfors, Chief, Navy-Marine Corps MARS	
	Forum is an update on the status of the three separate MARS services and will address the Joint Exercises and support of Homeland Defense and Homeland Security. In addition we will also discuss technical innovations such as ALE and sound card modes and how they are being implemented jointly in the MARS program.	
8:00 - 9:15	<b>FOX HUNTING</b> .....	ROOM 4
	Moderators: Dick Amett & Bob Frey	
9:30 - 12:15	<b>DXING</b> .....	ROOM 4
	Sponsored by the SouthWest Ohio DX Association	
	Moderated : Jay Slough, K4ZLE	
	Speakers: Bharathi Prasad, VU2RBI, VU4RBI DXpedition and tsunami operations	
	Harry Flasher, AC8G, 1989 KP5 DXpedition	
	Garry Ritchie, W8OI, Current KP1-KP5 activation efforts	
	Bob Allphin, K4UEE, 3Y0X - The one that got away, temporarily	
	Carl Luetzelschwab, K9LA, Lower band propagation for low sunspot times	
	Wayne Mills, N7NG, DXCC items update from ARRL	
	All the above, Q&A	
	<b>CONTESTING</b>	
	This forum has been moved from HARA Arena to the Van Cleve ballroom of the Crowne Plaza Hotel on Saturday from 2:30 P.M. to 5:00 P.M.	
12:30 - 1:30	<b>SATERN</b> .....	ROOM 4
	Moderated: Peggy McNary	
	Speaker: Major Patrick McPherson, WW9E, National Director for SATERN	
3:30 - 5:00	<b>HIDDEN ANTENNAS FOR HOMEOWNERS!</b> .....	ROOM 4
	Moderator: Gordon West, WB6NOA	
	What? CC & R's won't let you put up a big HF antenna? Gordon shows and tells you how to get a whopping signal on HF without upsetting the neighbors or homeowner association. Automatic tuners come to the rescue with live tuner demos, plus straight talk about how well dipoles work hidden in the attic. Gordon will give away an automatic tuner to one lucky forum attendee, courtesy SGC Inc.	

# Forums

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**Sunday, May 22, 2005**

<b>8:30 - 10:00</b>	<b>ARRL PUBLIC RELATIONS .....</b>	<b>ROOM 1</b>
Moderator: Allen Pitts, W1AGP Your local electric company is going to test BPL in your area and the news reporter thinks it's all just wonderful. Now what do you do?! The ARRL PR Forum for 2005 is an interactive panel discussion with some of the most passionate Public Relations people involved in keeping the truth about the interference issues a central topic in the media coverage on BPL.		
<b>10:15 - 12:00</b>	<b>ARRL TECHNOLOGY TASK FORCE .....</b>	<b>ROOM 1</b>
Moderator: Howard Huntington, K9KM, Central Division Vice Director, Chairman Technology Task Force: * HSMM Working Group * Digital Voice Working Group * SDR Software Defined Working Group		
<b>8:30 - 10:00</b>	<b>BICYCLE MOBIL HAMS OF AMERICA.....</b>	<b>ROOM 2</b>
The 15th Annual BMHA forum Moderator/speaker: Mike Nickolaus, NF0N Speakers: Bill Carpenter, AA8EY (Amateur Radio Coordinator) Mary Carpenter-N8OAM (SAG Coordinator) Bicycle Mobile Hams of America was founded by Hartley Alley, NA0A in 1989 when a QST article asked hams who operate their radios while bicycle-mobile to get together and form a group. This forum will discuss the role Amateur Radio plays in the Great Ohio Bicycle Adventure, GOBA, a large annual week long bicycle event. Our speakers will relate their experiences and describe their activities in working with many bicyclists and amateur radio operator bicyclist, over the last seven years.		
<b>10:15 - 12:00</b>	<b>BATTLESHIP NEW JERSEY .....</b>	<b>ROOM 2</b>
<b>AMATEUR RADIO STATION</b> Moderator: Harry Bryant, AA2W, President, Battleship New Jersey Amateur Radio Station NJ2BB group will cover the topics of Museum ships in general; the history of the "Big J"; restoration efforts as well as their success in integrating Ham Radio into the ship's overall plan of public education. Future plans for restoration and operations. Battleship brochures and coupons will be available in limited numbers.		

8:30 - 10:00	<b>SDR (SOFTWARE DEFINED RADIO) .....</b>	<b>ROOM 3</b>
	<b>USERS ROUNDTABLE</b>	
	Moderator: Eric Ellison, AA4SW	
10:15 - 12:00	<b>SWL/SCANNING.....</b>	<b>ROOM 3</b>
	Moderator: Tracy Wood, K7UO/4	
8:30 - 10:00	<b>SKYWARN.....</b>	<b>ROOM 4</b>
	Moderator: Chris Novy	
	Forum is for both beginning and experienced storm spotters and for storm chasers wishing to contribute to local warnings. We will thoroughly cover forecasting tools, mobile data acquisition and interpretation, spotter safety, difficult observation situations, radio reporting procedures, night spotting, and spotter psychology. If you're tired of the same old PowerPoint spotter classes, this forum is definitely worth attending.	
10:15 - 11:15	<b>ARRL SECTION MANAGERS &amp; SECTION LEADERS ....</b>	<b>ROOM 4</b>
	Moderator: Steve Ewald, WV1X	
	What makes your ARRL Section tick? Meet and learn from fellow Section Managers and Section Leaders, and tell us about your experiences.	

## What is Amateur Television?

It allows amateur radio operators to be seen as well as heard.

The Dayton Hamvention offers forums about amateur TV. Have you ever attended one or both of our forums? You might find this mode of operation interesting and stimulating. Amateur Television consists of two primary types: Fast Scan (ATV) and Slow Scan TV (SSTV).

SSTV sends a still image over several minutes to another station using a standard HF transceiver and normal voice bandwidths, usually over long distances; whereas ATV sends broadcast quality full motion pictures over shorter distances, using UHF or microwave bands.

Both ATV and SSTV started out using home-brew equipment. SSTV now is computer based in full color and you can be operational for little additional expense.

Fast Scan ATV is unique because it allows a ham to show another ham his shack in real time, show home videos or can be used for public service for storm reports and damage assessment. You can get on ATV for less than \$100 using a home-brew rig and your present video camera. Attend our ATV forum Saturday, at 12:15 in Room 1, immediately followed by our SSTV forum at 2:45, also in Room 1.

# Past DARA Presidents

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1926	C.A. Petry	8AWN	1967	Ken Mills	W8RLY
1027	C.A. Petry	8AWN	1968	George Shearer	WA8IHC (KE8WJ)
1928	Lou Driggs	W8HEQ	1969	George Shearer	WA8IHC (KE8WJ)
1929	Ray Stotts		1970	Owen Vance	WA8PHW
1930	Art John	W8DMI	1971	Jules Wittebort	W8SE
1931	Fred Rawson	W8KKH	1972	Budd Chaney	WA8UUX
1932			1973	Wesley Duckwitz	W8TPT
1933	Fred Allen	W8GER (W8FU)	1974	Ken Mills	W8RLY
1934			1975	Robert O. Wilson	W8JRN
1935	Dan C. McCoy	W8CI (W8DG)	1976	Robert O. Wilson	W8JRN
1936			1977	Melvin L. Levy	WA8YKV
1937			1978	Melvin L. Levy	WA8YKV
1938	Emil Henrich	W8OVL	1979	William G. Ingling	W8SVI
1939			1980	William G. Ingling	W8SVI
1940	Russ Gardner	W8TPC	1981	Victor M. Stauder	N8FPF (WA2KOO)
1941			1982	Victor M. Stauder	N8FPF (WA2KOO)
1942	Cheever Ely	W8LJ	1983	Thomas W. Holmes	N8ZM
1943	Cheever Ely	W8LJ	1984	Victor M. Stauder	N8FPF (WA2KOO)
1944	Cheever Ely	W8LJ	1985	Edgar "Red" Smith	W8RKL
1945	Hyde E. Ruble	W8PTF	1986	Ray Smith	KR8B
1946	Hyde E. Ruble	W8PTF	1987	Ray Smith	KR8B
1947	Russ Hardy	W8AQ	1988	Al Torres	KP4AQI
1948	Clem Wolford	W8ENH	1989	Thomas W. Holmes	N8ZM
1949	John Willig	W8ACE	1990	Thomas W. Holmes	N8ZM
1950	Clem Wolford	W8ENH	1991	Ron L. Moorefield	W8ILC
1951	Frank Schwab	W8YCP (W8OK)	1992	Thomas W. Holmes	N8ZM
1952	Frank Schwab	W8YCP (W8OK)	1993	Victor M. Stauder	N8FPF (WA2KOO)
1953	Hyde E. Ruble	W8PTF	1994	Thomas W. Holmes	N8ZM
1954	Rudy Plak	W8ZOF	1995	Dave Coons	WT8W
1955	Allan D. Gunston	W8GQ	1996	Dave Coons	WT8W
1956	Andrew B. Henderson	W8WYL	1997	Michelle Ervin	KA9FUL
1957	Robert G. Siff	W8QDI	1998	Gary Des Combes	N8EMO
1958	Ed F. Bonnet	W8OVG	1999	Gary Des Combes	N8EMO
1959	Joseph H. McNutt	W8GFN	2000	John Phillips	N8ZGT
1960	Walter G. Burdine	W8ZCY	2001	Reuben Meeks	W8GUC
1961	Robert F. Zimmerman	W8DPW (W8ZM)	2002	Reuben Meeks	W8GUC
1962	Hyde E. Ruble	W8PTF	2003	Mike Buehler	N8XGA
1963	Richard D. McFadden	K8ERE	2004	Mike Buehler	N8XGA
1964	Ted Suarez	K8BSC			
1965	Robert E. Wilcox	K8EJI			
1966	Jim Dakin	K8BPC			

# Dayton Amateur Radio Association

## DARA Board



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Mike Buehler, N8XGA

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Information ..... Shirley Roberts, N8LX  
Manager B-Road Site ..... Matt Smith, AB8OR  
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Public Events ..... Mike Buehler, N8XGA  
Red Cross EOC ..... Larry McCoy, N8JBL  
Repeater/Technical ..... Glen Hochwalt, W8AK  
RF Carrier Editor ..... Sue Stacy, KG8X

Satellites ..... Gerd Schrick, W8IFM  
Scholarship ..... Mark Tessneer, KB8ZR  
Sergeant-at-Arms ..... Mike Crawford, KC8GLE  
Volunteer Exams ..... Mike Arquilla, N8SD  
W8BI Trustee ..... Reuben Meeks, W8GUC  
W8BI Web Master ..... Steve Coy, K8UD  
Youth Programs ..... Steve Coy, K8UD



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Amateur Radio Clubs  
in the World  
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BE RF ACTIVE!**

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“RF CARRIER”**

Application for DARA membership is available at the  
DARA Booth in Hara Arena's Lobby

**DARA Club House  
W8BI**

**Repeaters:**  
220 - 440 - 2 Meters

222.940 (-) MHZ  
442.100 (+) MHZ  
146.940 (-) MHZ

**Console 1**



**Web Sites:**

[www.w8bi.org](http://www.w8bi.org)

[www.hamvention.org](http://www.hamvention.org)

**Console 2**



**KENWOOD**

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# SkyCommand System



TH-07

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4. MSG 5. LIST 6. BCON  
7. REV 8. DUP 9. MR  
10. DMR 11. REV 12. CALL